

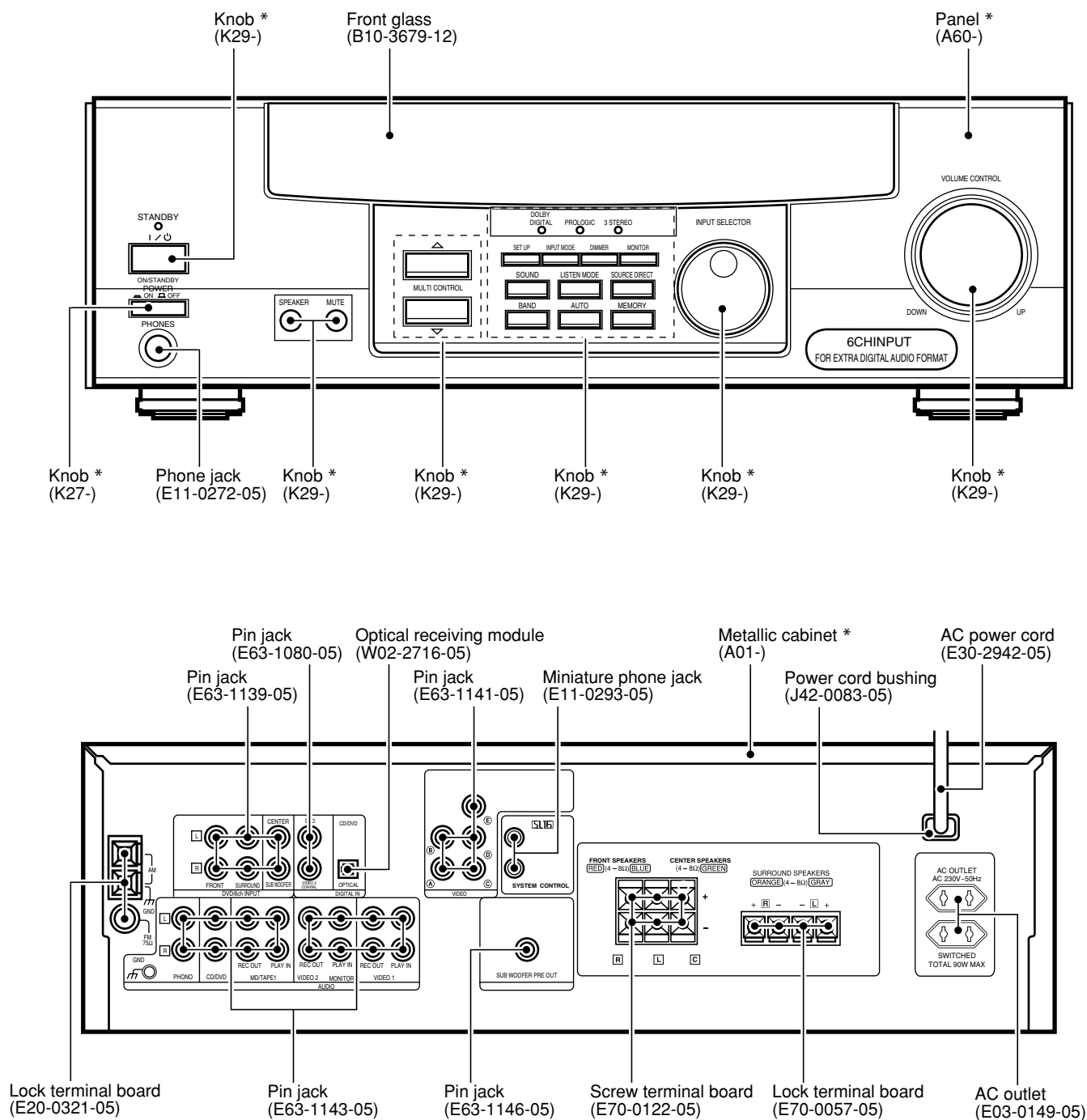
# KRF-V4550D/V4550DE

## KRF-V4550D-S

### SERVICE MANUAL

KENWOOD

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\* Refer to parts list on page 24.



# KRF-V4550D/V4550DE/V4550D-S

## CONTENTS / ACCESSORIES

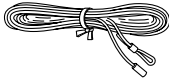
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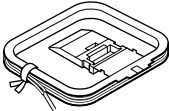
Please refer to KRF-V4530D(B51-5597-00) on microprocessor MN101C35DRA4(same function as MN101C35DRA)

### Accessories

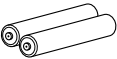
FM indoor antenna (1)  
(T90-0877-05)



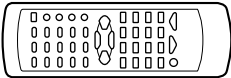
AM loop antenna (1)  
(T90-0852-05)



Batteries (R6/AA) (2)



Remote control unit (1)  
(A70-1470-05): RC-R0513



Battery cover (A09-1178-08)

**Resetting the Microcomputer**

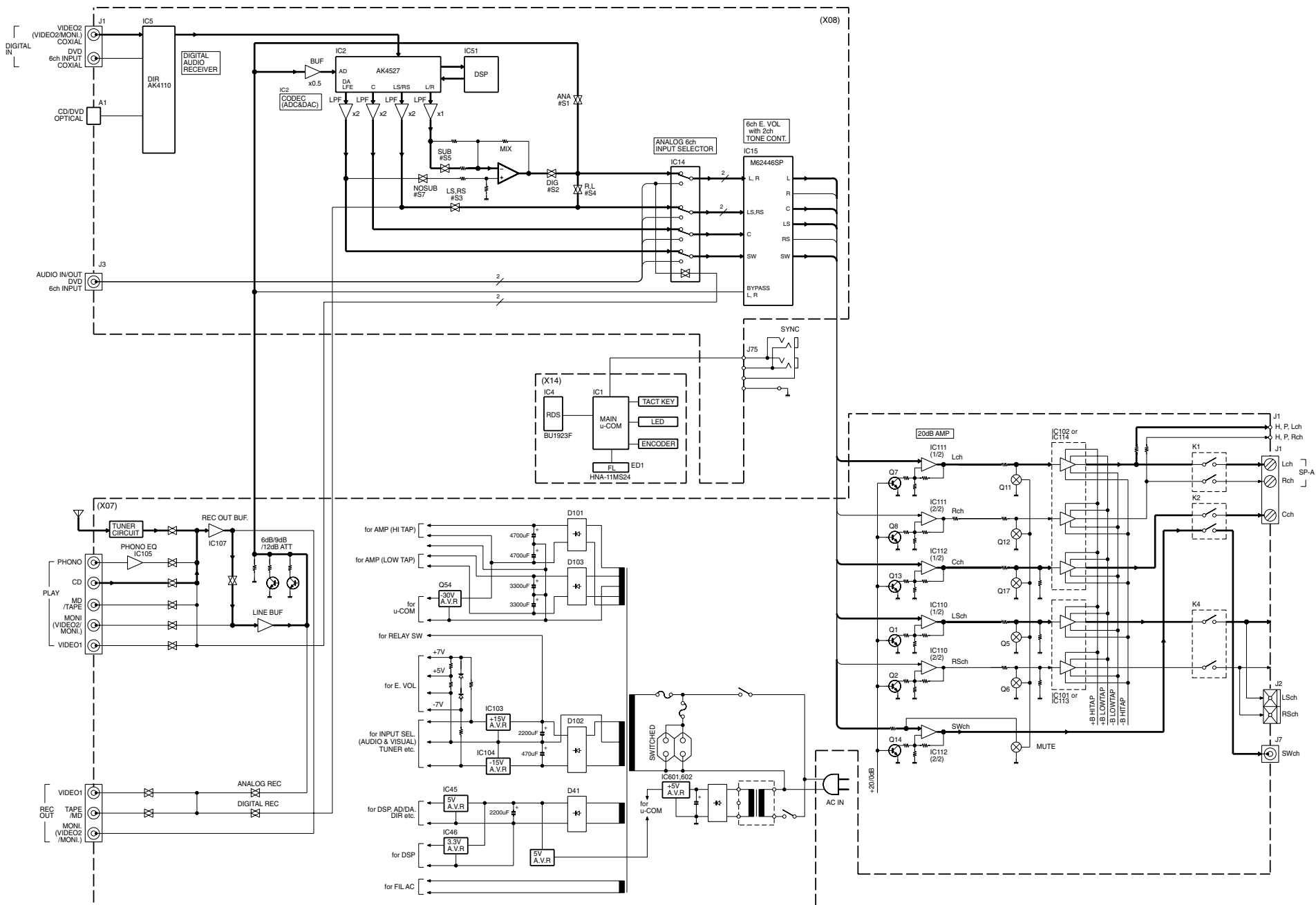
The microcomputer may malfunction (unit cannot be operated, or shows an erroneous display) if the power cord is unplugged while the power is ON, or due to some other external factor. If this happens, execute the following procedure to reset the microcomputer and return the unit to its normal operating condition.

**With the power cord plugged in, turn the POWER key OFF. Then, while holding down the ON/STANDBY key, press POWER.**

- Please note that resetting the microcomputer will clear the contents of the memory and returns the unit to the state it was in when it left the factory.

# KRF-V4550D/V4550DE/V4550D-S

## BLOCK DIAGRAM

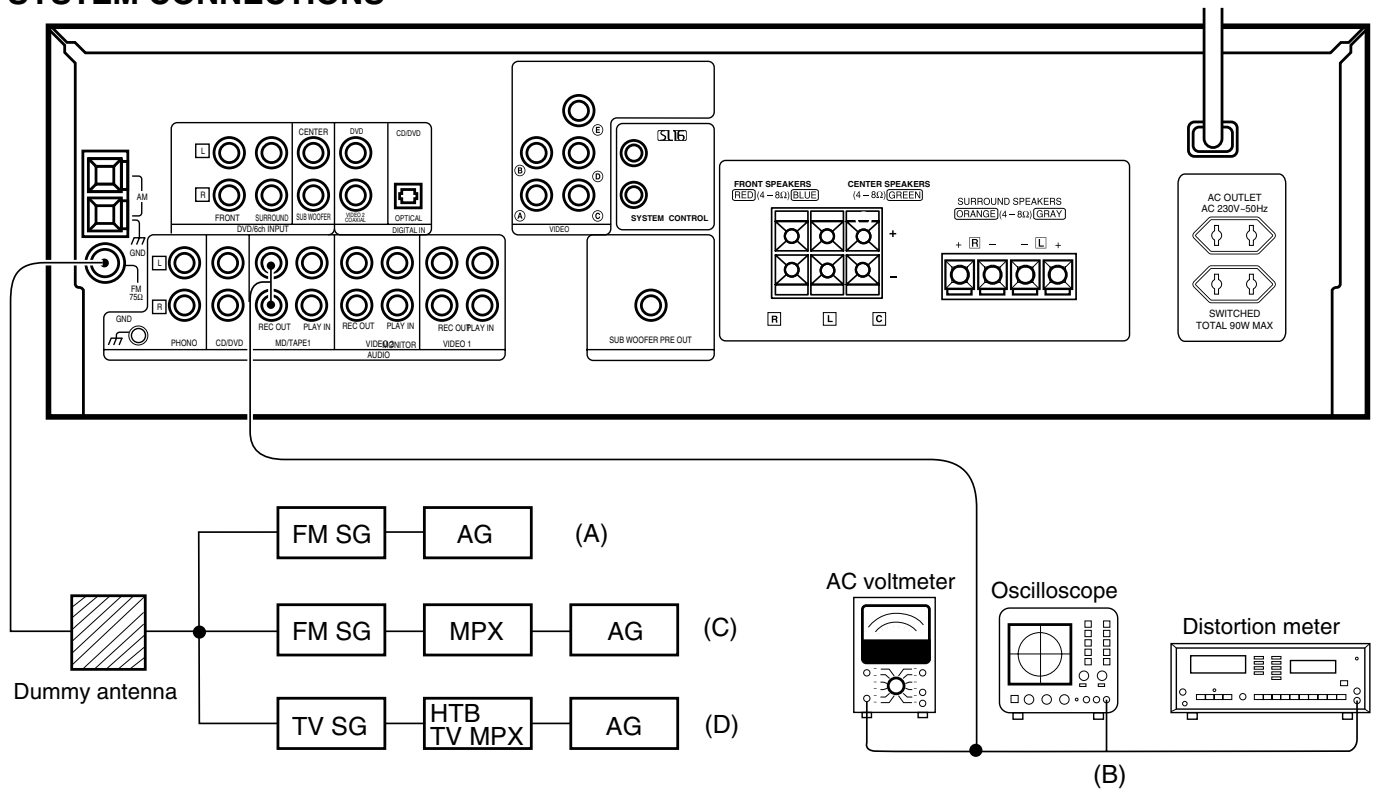


# KRF-V4550D/V4550DE/V4550D-S

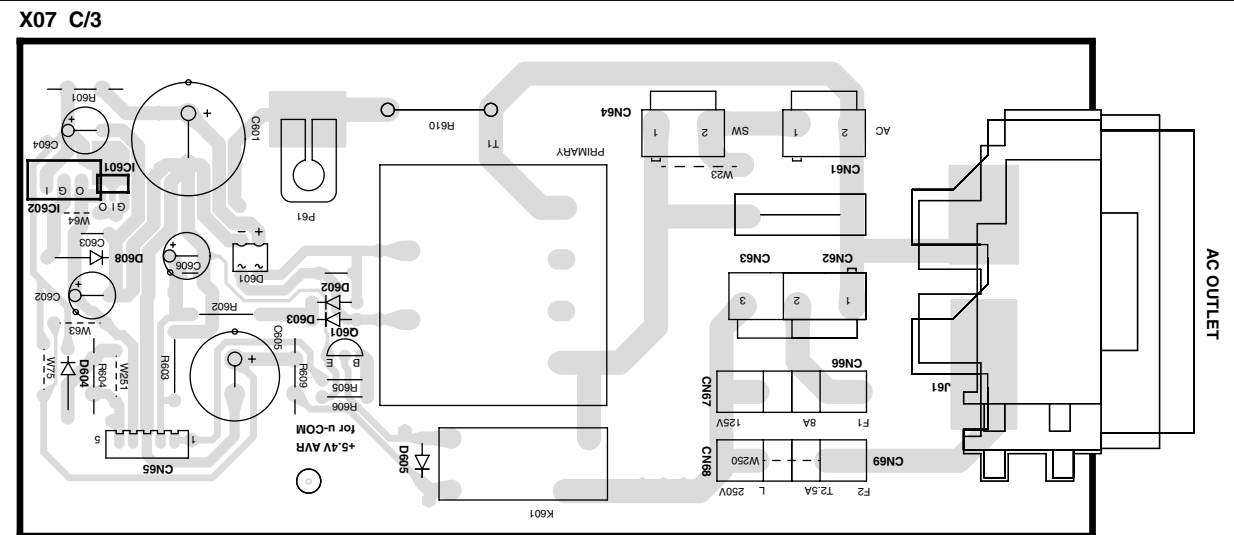
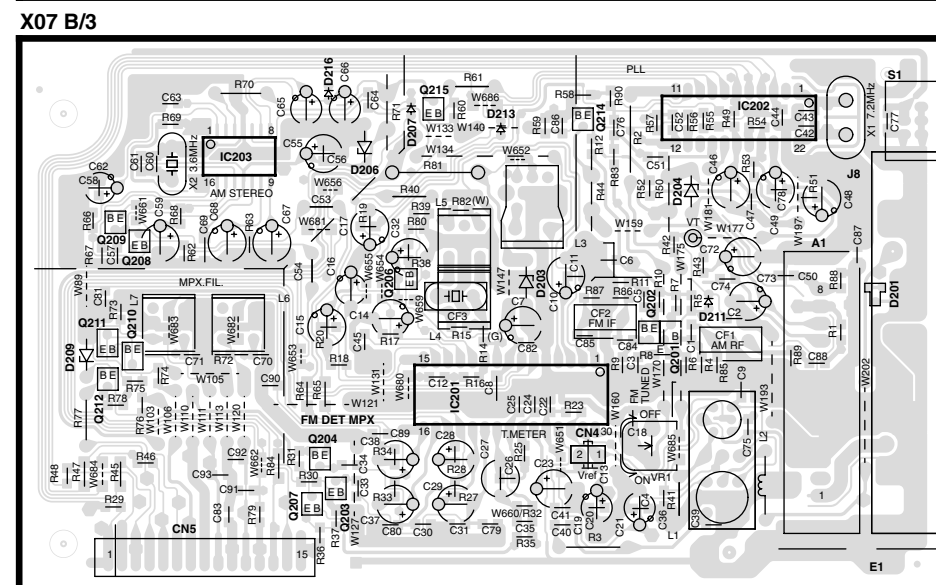
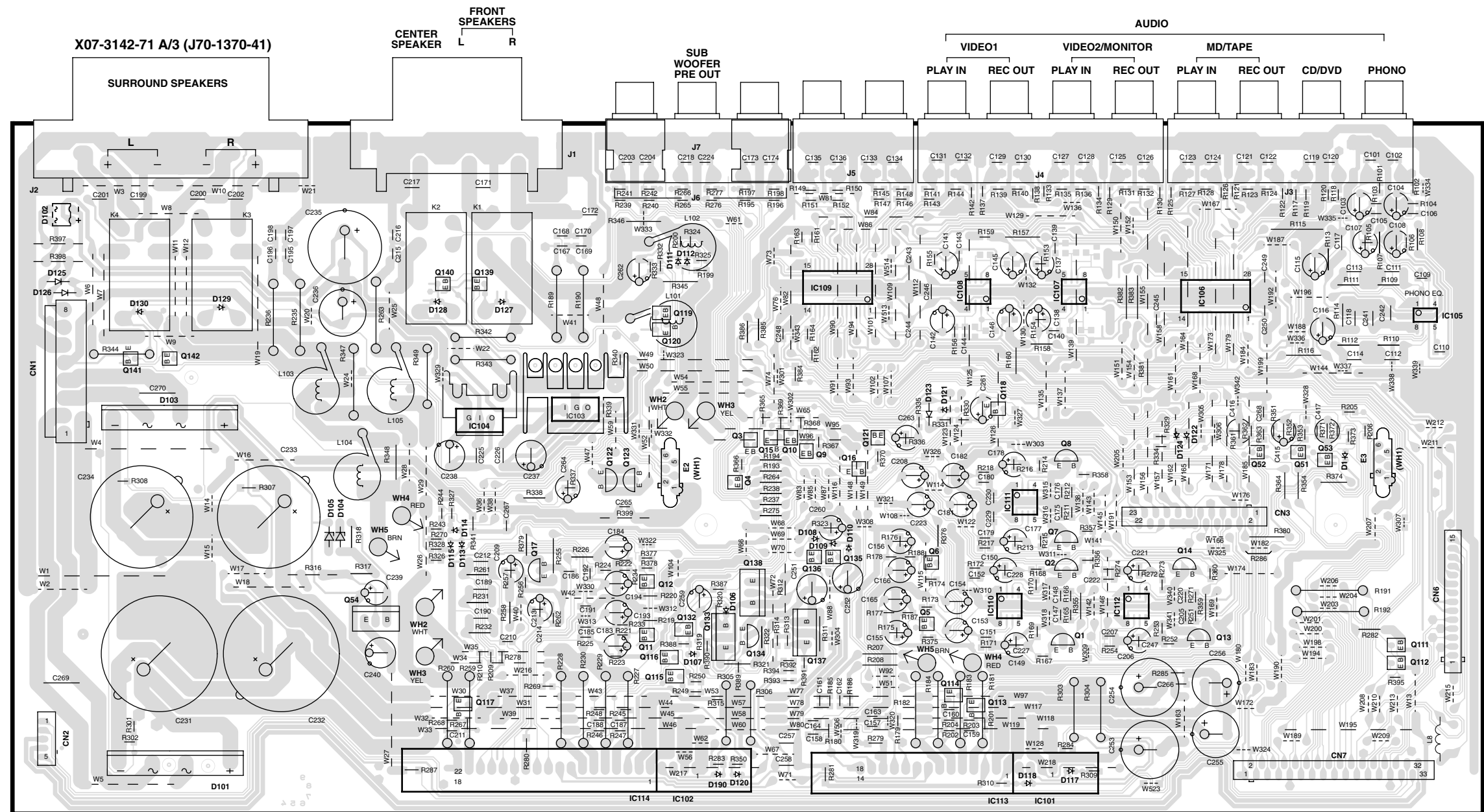
## ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	RECEIVER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
<b>FM SECTION</b> <b>SELECTOR : FM</b> ※ Adjust NO.1 and NO.2 repeatedly.							
1	DISCRIMINATOR	(A) 98.0MHz 1kHz, ±40kHz dev. 70dBf (ANT. input)	Connect a DC voltmeter between ① and ② of CN4 on (X07).	MONO 98.0MHz	L4 (X07)	0V	
2	DISTORTION (MONO)	(A) 98.0MHz 1kHz, ±40kHz dev. MONO 70dBf (ANT. input)	(B)	MONO 98.0MHz	L5 (X07)	Minimum distortion	
3	DISTORTION (STEREO)	(C) 98.0MHz 1kHz, ±40kHz dev. Selector : L or R Pilot : ±6kHz dev. 70dBf (ANT. input)	(B)	AUTO 98.0MHz	IFT (FRONT END : A1)	Minimum distortion (L or R)	
4	TUNING LEVEL	(A) 98.0MHz MONO 1kHz, ±40kHz dev. 29.2dBf (ANT. input)	(B)	MONO 98.0MHz	VR1 (X07)	Adjust VR1 and stop at the point where ED1 (TUNED) goes on.	

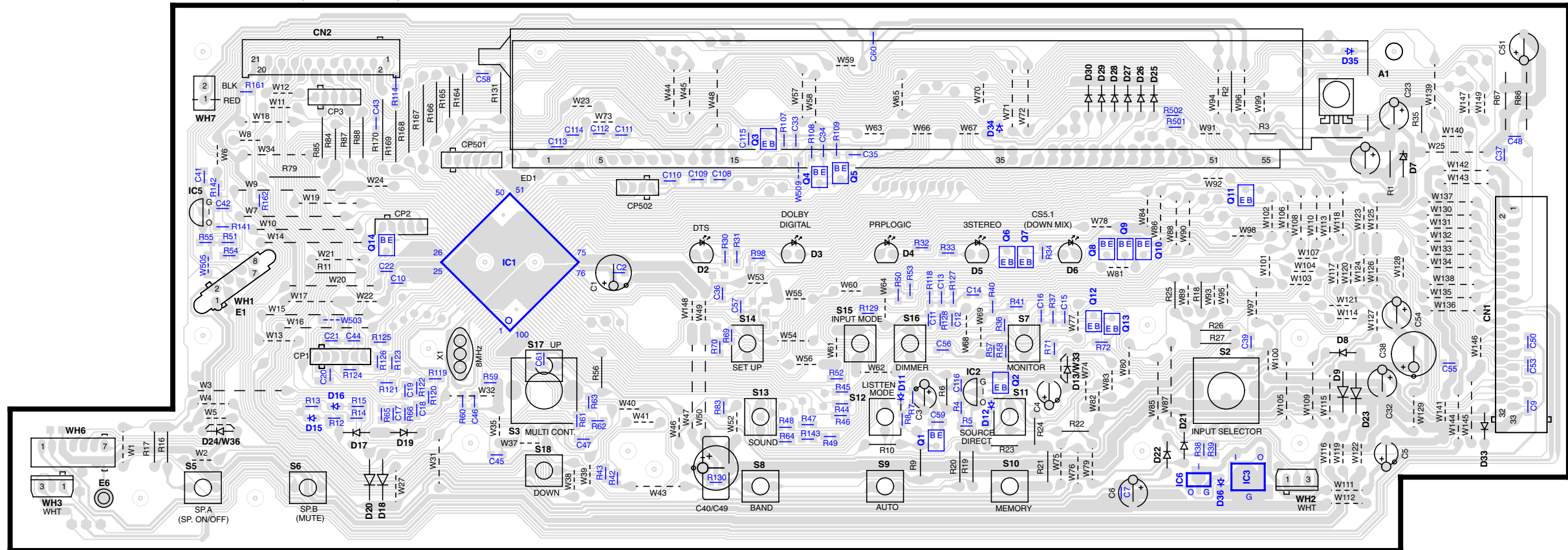
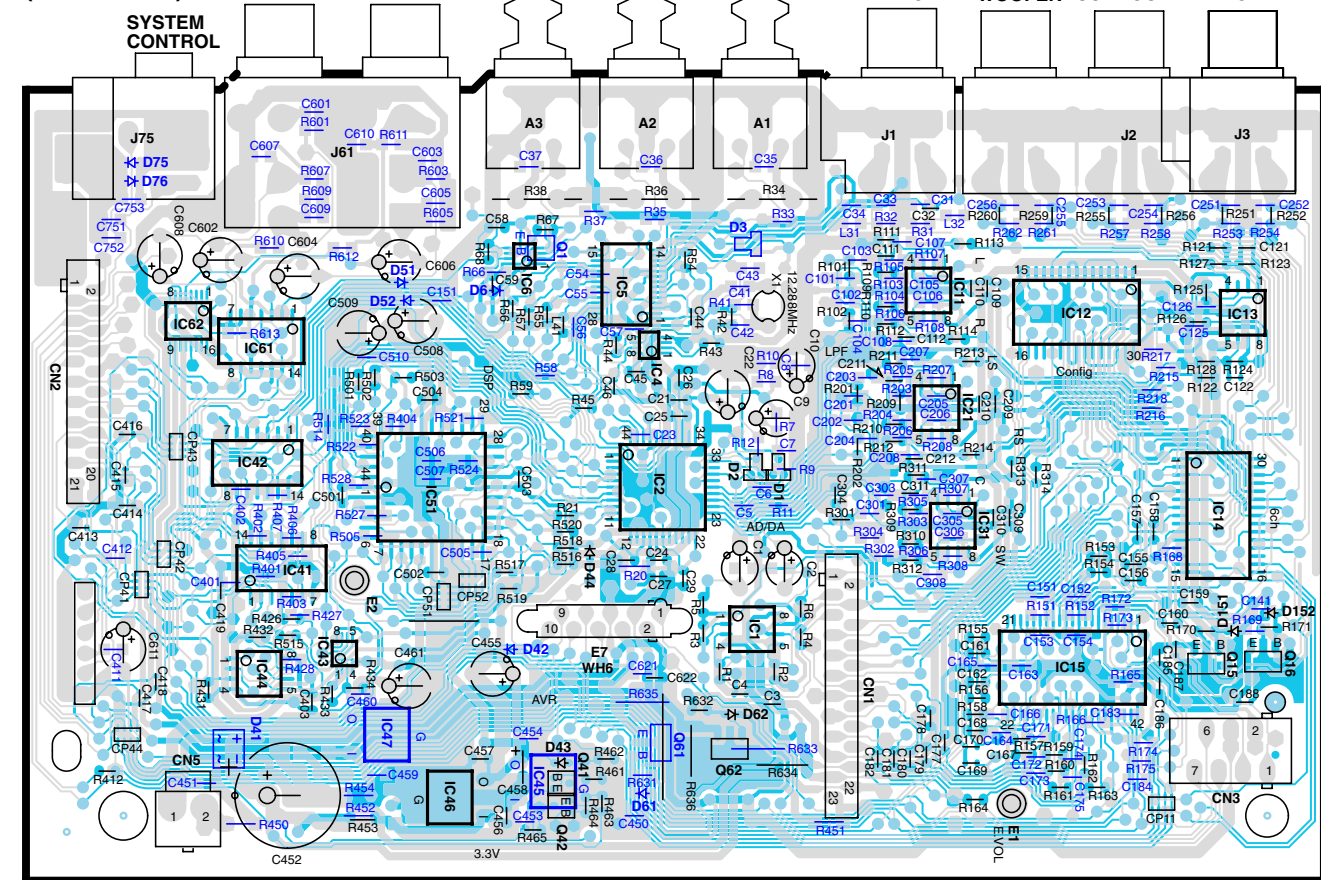
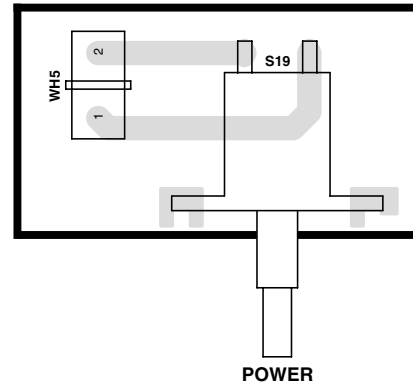
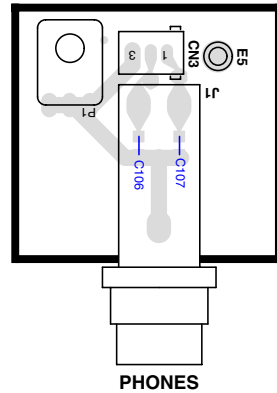
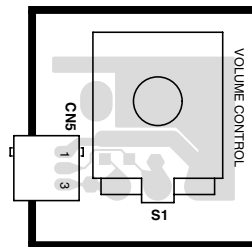
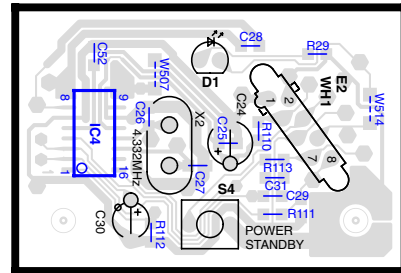
## SYSTEM CONNECTIONS

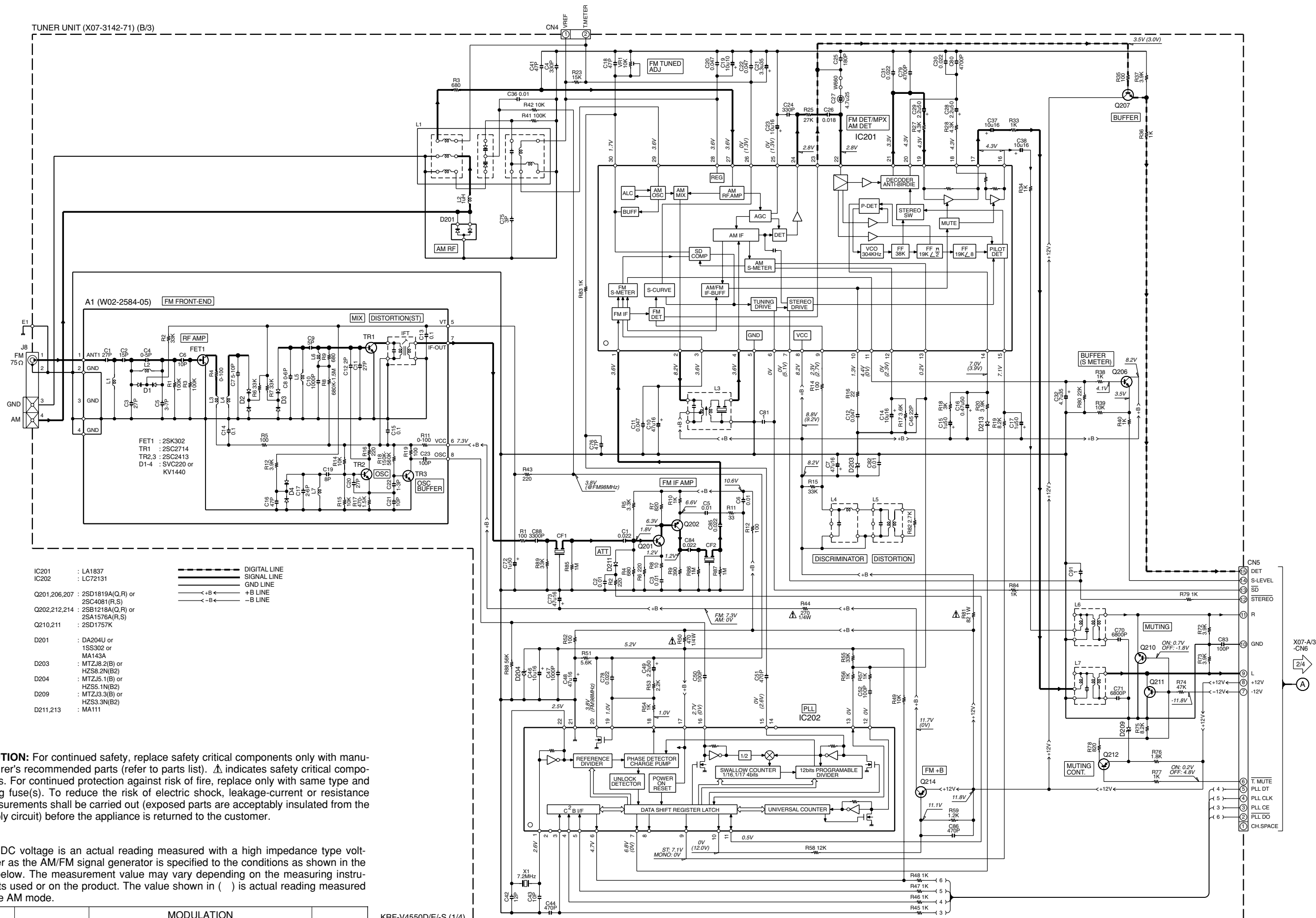


# PC BOARD (Component side view)



### PC BOARD (Component side view)



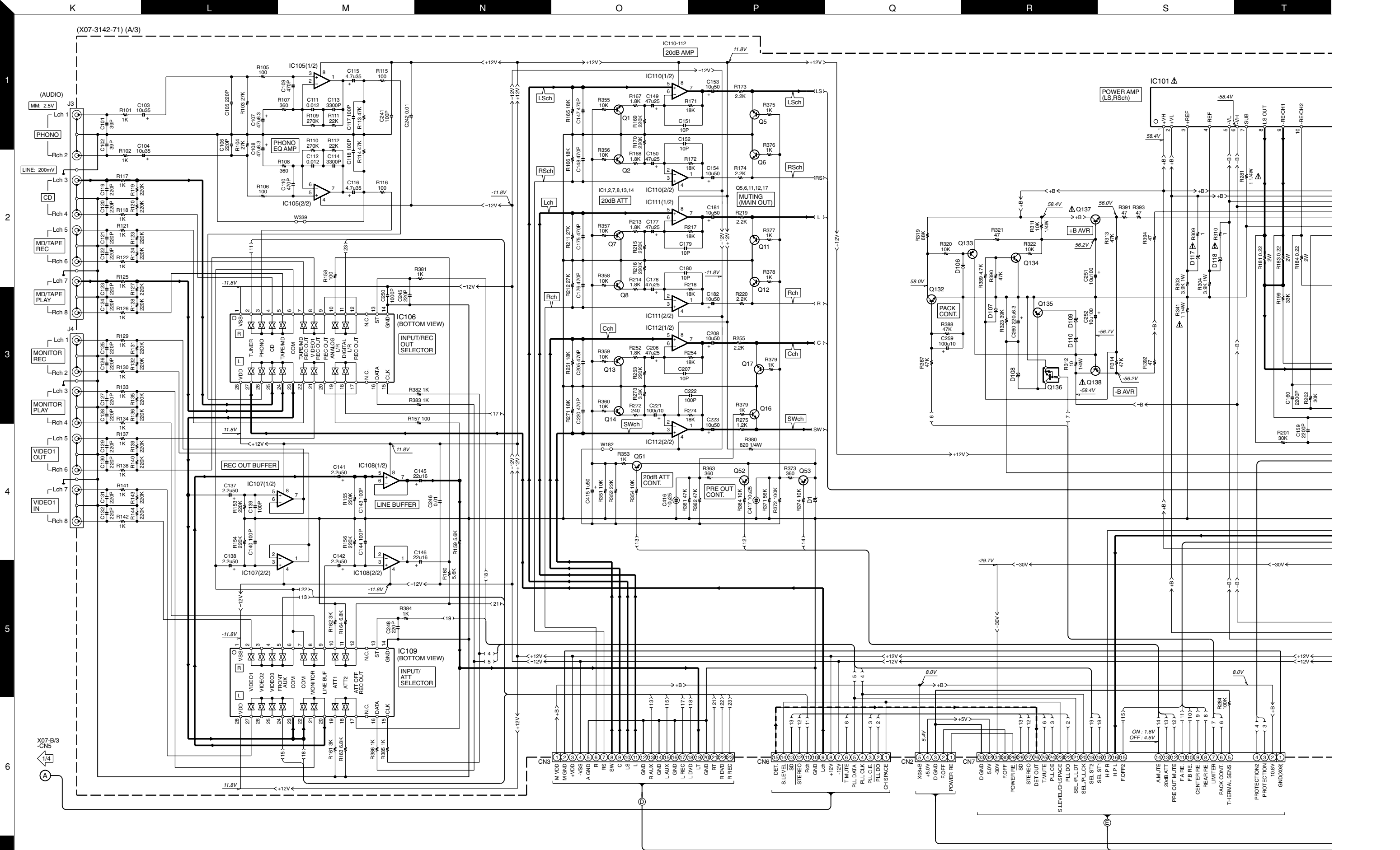


KRF-V4550D/V4550DE/V4550D-S

Y05-4332-70

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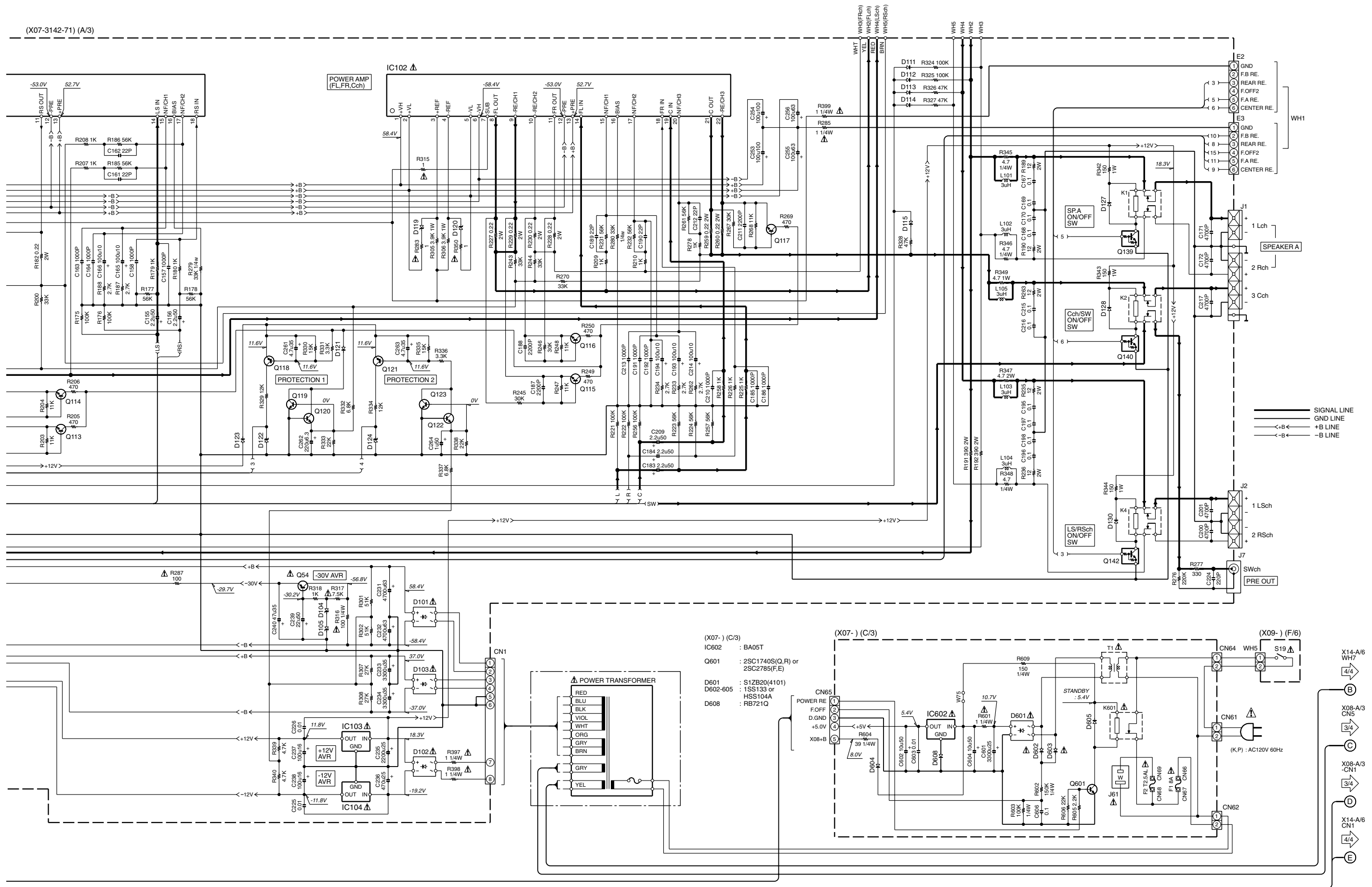


**CAUTION:** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).  $\Delta$  indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.



(X07-3142-71) (A/3)



KRF-V4550D/E/-S (2/4)

(X07- ) (A/3)

IC101 : STK412-010A  
IC102 : STK413-010A  
IC103 : KIA7812API  
IC104 : KIA7912PI  
IC105 : NJM4580ED

IC106,109 : NJU7313AM  
IC107,108,110-112 : NJM4565M or  
NJM4565MD or  
NJM4580ED or  
NJM4580E

Q1,2,7,8,13,14 : 2SC2785(F,E) or  
2SC1740S(Q,R)  
Q5,6,11,12,16 : 2SD2351  
Q17 : 2SC2878(B)  
Q51-53,118,121,135 : 2SA1576A(R,S) or  
2SB1218A(Q,R)

Q54,138 : 2SB1640  
Q113-117,119,120,132 : 2SC3906K  
Q122,123,134 : 2SC1845(F,E)  
Q133 : 2SB1566  
Q136 : UN5219 or  
DTC113ZUA

Q137 : 2SD2395  
Q139,140,142 : DTC123JUA

D1 : UDZ3.3B or  
HZU3.3(B2)  
D101 : D5SBA20F03

D102 : S1ZB20 (4101)  
D103 : RBV-602LFA  
D104 : MTZJ16(B) or  
HZS16N(B2)  
D105 : MTZJ15(B) or  
HZS15N(B2)

D106,107,111-115,121,127,128,130 : MA111  
D108 : UDZ5.6B  
D109 : UDZ11B  
D110 : UDZ10B o  
H2U10(B2

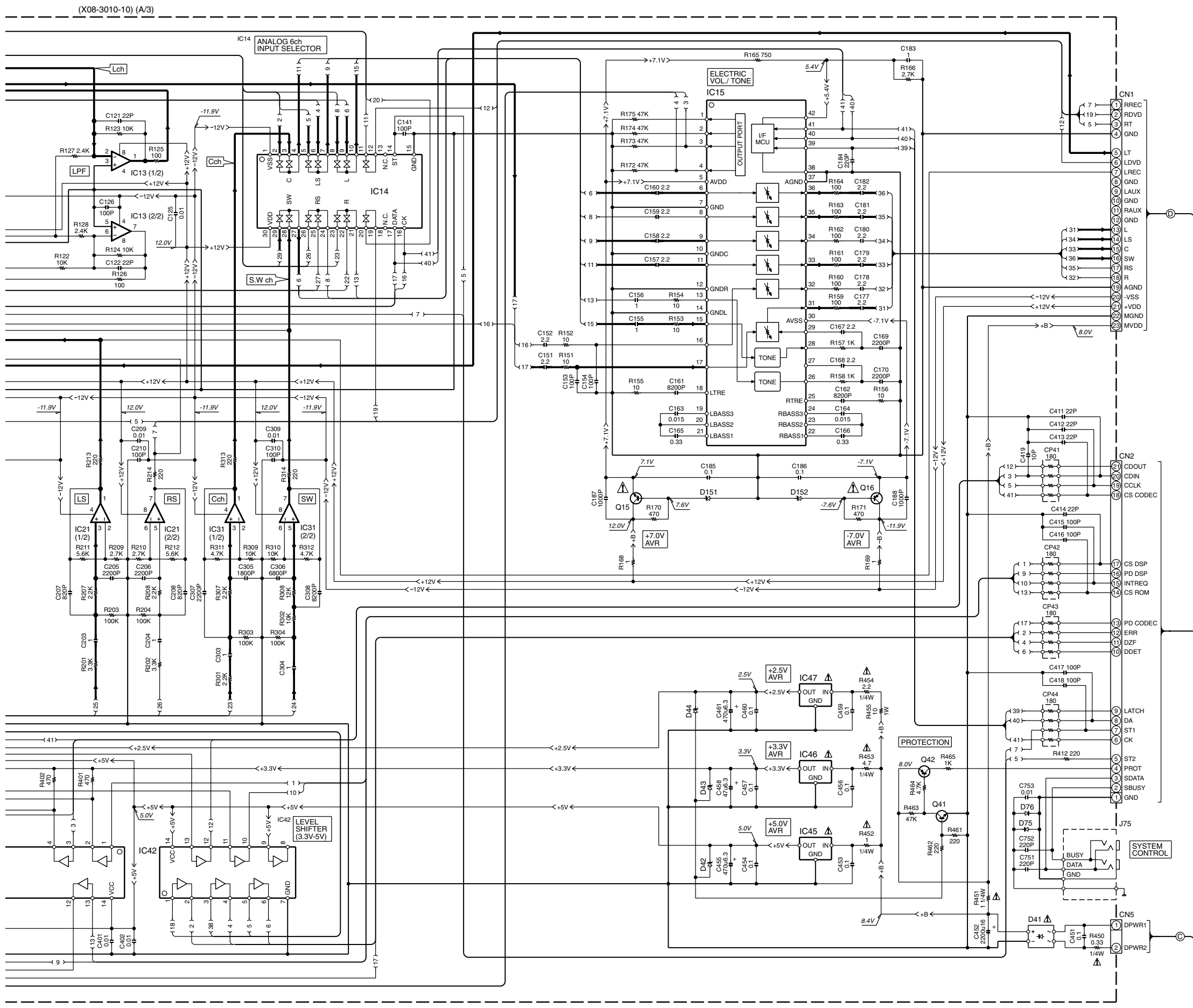
D117-120 : UDZ15B or  
HZU15(B2)  
D122,124 : UDZ3.9B or  
HZU3.9(B2)  
D123 : 1SS133 or  
HSS104A

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Y05-4332-70

KRF-V4550D/V4550DE/V4550D-S





IC1,11,13,21,31 : NJM4565MD  
IC2 : AK4527-VQ  
IC4 : TC7WU04FU  
IC5 : AK4110-VF  
IC6 : TC7WH123FU  
IC12,14 : NJU7311AM  
IC15 : M62446FP  
IC41 : TC74HC07AF  
IC42 : TC74HCT7007AF  
IC45 : TA48M05F  
IC46 : TA48M033F  
IC47 : TA48M025F  
IC51 : CS493253-CLR or CS493263-CLR  
IC61 : NJM2279M

Q1 : DTC124EUA or UN5212  
Q15,61 : 2SD1664(Q,R)  
Q16,62 : 2SB1132(Q,R)  
Q41 : 2SC4081(R,S) or 2SD1819A(Q,R)  
Q42 : 2SA1576A(R,S) or 2SB1218A(Q,R)

D1,3 : 1SS301 or DAN202U or MA142WK  
D2 : 1SS300 or DAP202U or MA142WA  
D6,51,52,75,76 : MA111  
D41 : S1ZB20(4072)  
D42,43,61,62 : UDZ5.6B or HZU5.6(B2)  
D44 : UDZ3.9B or HZU3.9(B2)  
D151,152 : UDZ7.5B or HZU7.5(B2)

**CAUTION:** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).  $\Delta$  indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

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2SC1845  
2SC2878

2SD2395

2SC2785

2SC1740S

UN5219  
2SA1576A  
2SB1218A

2SD1819A

2SB1132

2SD1664

2SC4081  
2SD1757K

DTA124EUA  
DTC123JUA  
DTC124EUA

2SB1566

NJM4580E

TC74HC07AF

NJM4565M  
NJM4565MD  
NJM4580ED

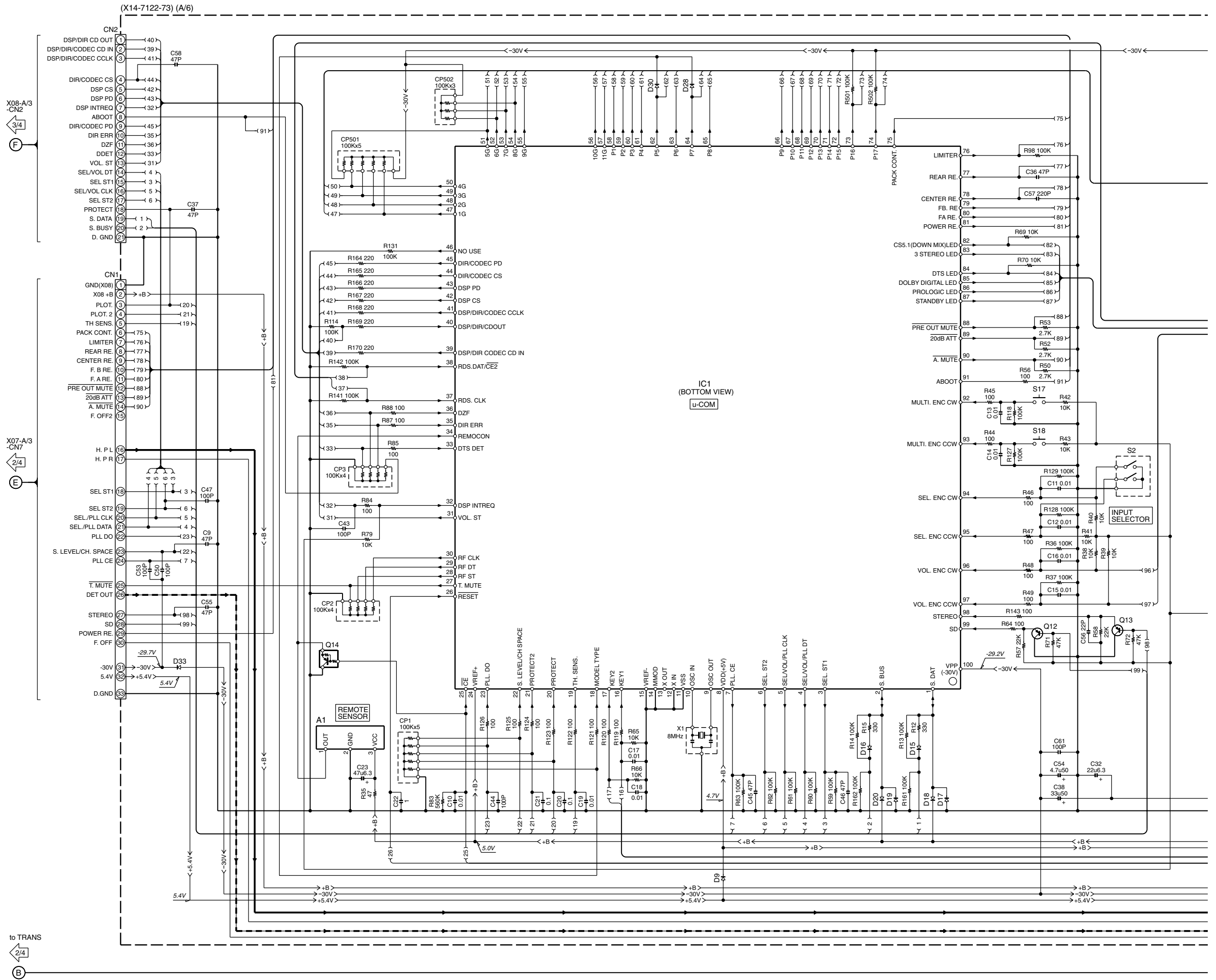
DAN202U  
A1  
A2

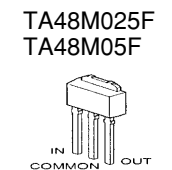
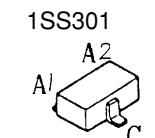
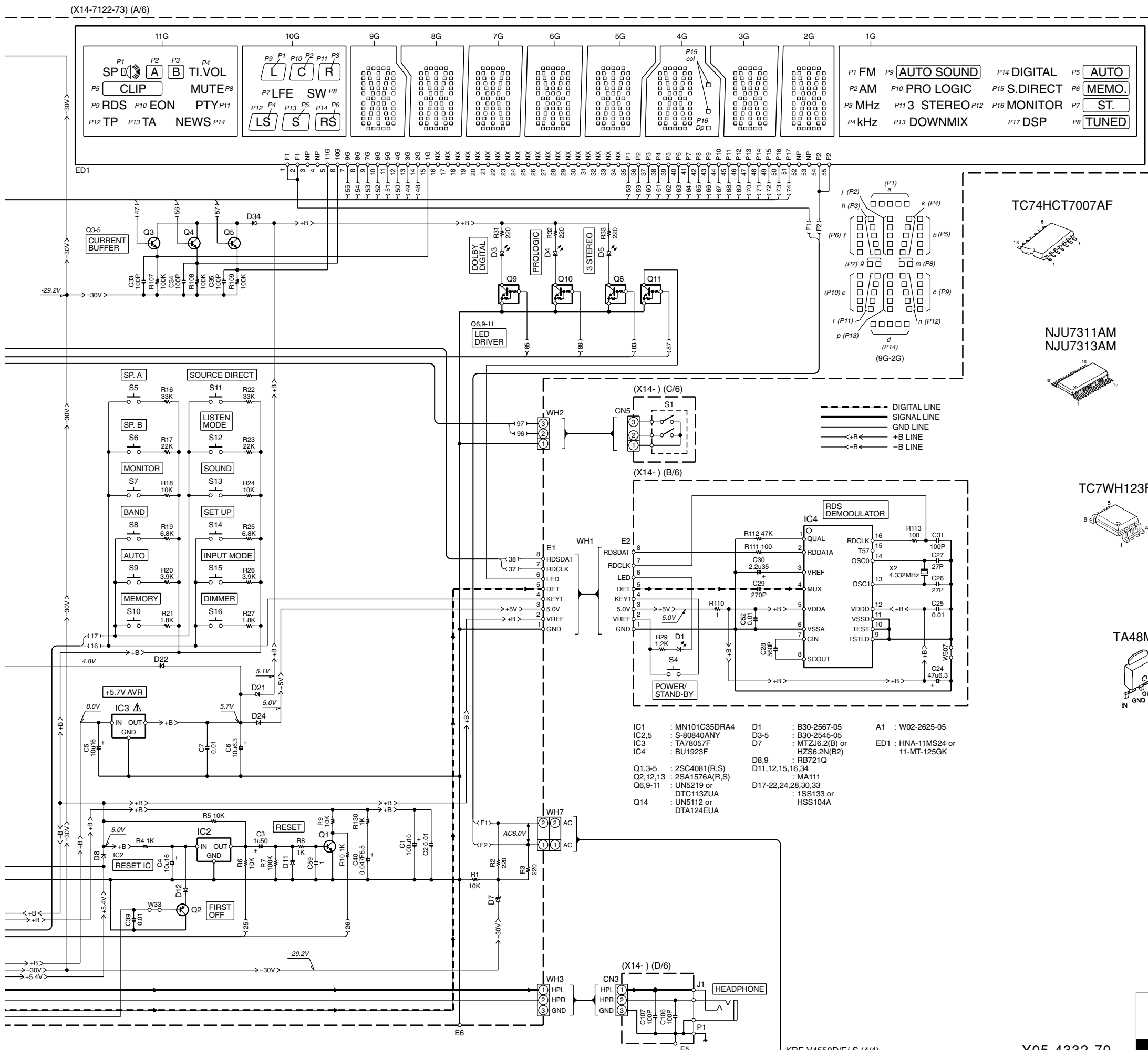
DAP202U  
DA204U  
2SC3906K

KRF-V4550D/E-S (3/4)

**CAUTION:** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

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TC74HCT7007AF

NJM2279M

2SD2351

LC72131

NJU7311AM, NJU7313AM

KIA7912PI

LA1837

BU1923F

TC7WH123FU

S-80840ANY

TC7WU04FU

BA05T

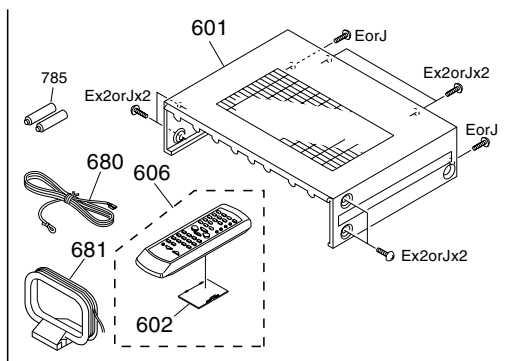
TA48M033F

KIA7812API

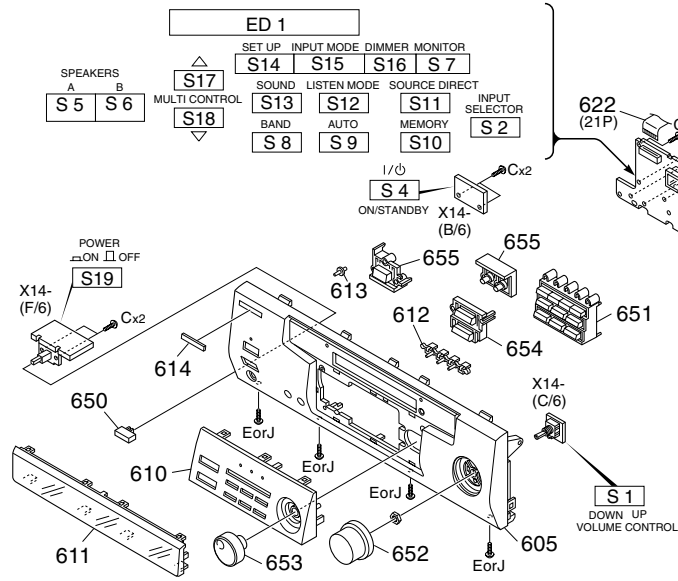
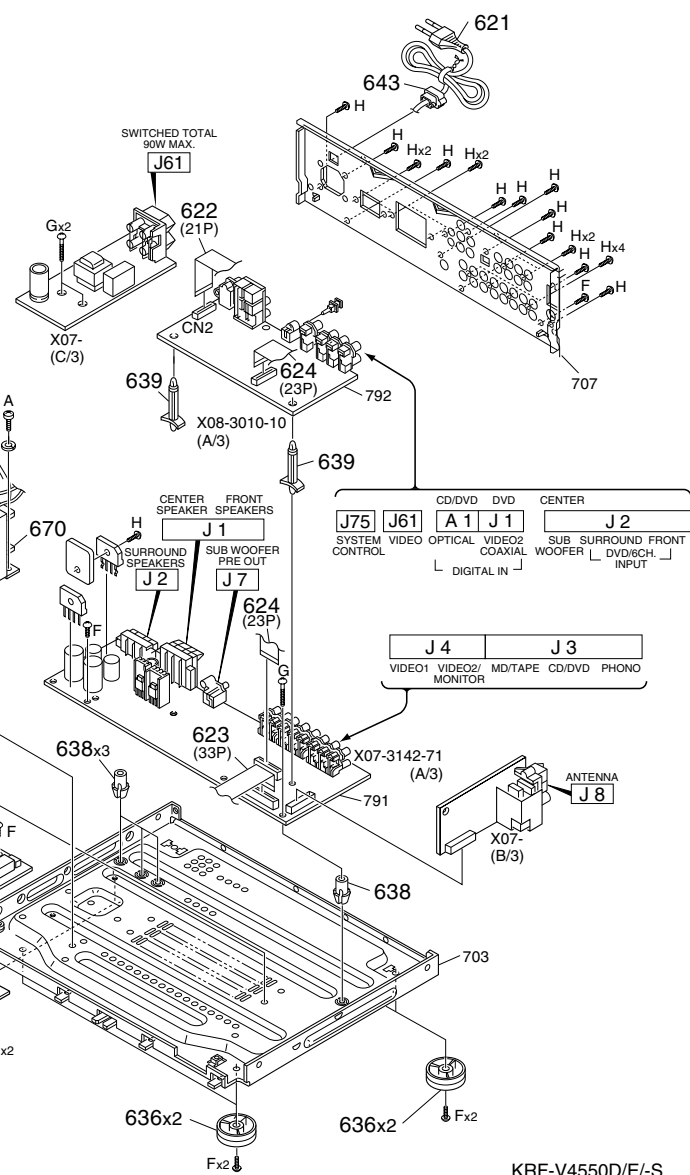
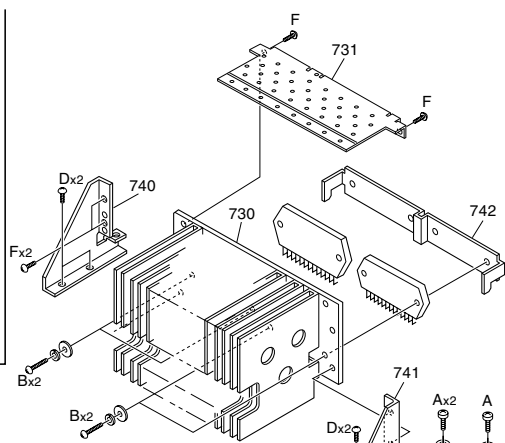
M62446FP

# EXPLODED VIEW (UNIT)

KRF-V4550D/V4550DE/V4550D-S



- A M4x6 : N09-1966-05  
 B Ø3x20 : N09-5132-05  
 C Ø2.6x8 : N82-2608-46  
 D Ø3x6 : N89-3006-46  
 E Ø3x8 (BLK) : N89-3008-45  
 F Ø3x8 : N89-3008-46  
 G Ø3x23 : N89-3023-46  
 H Ø3x10 (BLK) : N89-3010-45  
 J Ø3x8 : N09-3324-05



KRF-V4550D/E/-S

\* New Parts  
Parts without **Parts No.** are not supplied.  
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.  
Teile ohne **Parts No.** werden nicht geliefert.

①

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
<b>KRF-V4550D/V4550DE/V4550D-S</b>						
601	1A		A01-3733-01	METALLIC CABINET	EE1	
601	1A		A01-3734-01	METALLIC CABINET	E2	
602	1A		A09-1178-08	BATTERY COVER		
604	2B		A46-0309-04	REAR COVER		
605	2A		A60-1760-11	PANEL	E2	
605	2A		A60-1761-11	PANEL	EE1	
606	1A	*	A70-1470-05	REMOTE CONTROLLER ASSY		
610	2A		B07-2477-02	ESCUTCHEON	EE1	
610	2A		B07-2478-02	ESCUTCHEON	E2	
611	2A	*	B10-3679-12	FRONT GLASS		
612	2A		B12-0384-04	INDICATOR		
613	2A		B12-0385-04	INDICATOR		
614	2A		B43-0314-04	KENWOOD BADGE		
-			B46-0310-03	WARRANTY CARD		
-			B58-0966-13	CAUTION CARD (ELMtypePL)	EE2	
-			B58-1607-03	CAUTION CARD	E1	
-		*	B60-4964-00	INSTRUCTION MANUAL (FR/GE)	EE2	
-		*	B60-4965-00	INSTRUCTION MANUAL (NE/IT)	EE2	
-		*	B60-4966-00	INSTRUCTION MANUAL (ES)	EE2	
-		*	B60-4967-00	INSTRUCTION MANUAL (EN)	E1	
-		*	B60-4968-00	INSTRUCTION MANUAL (PL/RU)	E1	
-		*	B60-4969-00	INSTRUCTION MANUAL (CZ/HU)	E1	
△ 621	1C		E30-2942-05	AC POWER CORD		
622	1C,2B		E35-2627-05	FLAT CABLE (21P)		
623	2B,2C		E35-2456-05	FLAT CABLE (33P)		
624	1C,2C		E35-2480-05	FLAT CABLE (23P)		
-			G10-0536-04	NON-WOVEN FABRIC		
-			G11-2416-04	CUSHION		
-			G11-2775-04	CUSHION		
-			H10-7628-02	POLYSTYRENE FOAMED FIXTURE		
-			H10-7629-02	POLYSTYRENE FOAMED FIXTURE		
-			H25-0232-04	PROTECTION BAG (235X350X0.03)		
-			H25-0391-04	PROTECTION BAG		
-		*	H50-4044-04	ITEM CARTON CASE	E	
-		*	H50-4045-04	ITEM CARTON CASE	E1	
-		*	H50-4046-04	ITEM CARTON CASE	E2	
636	2C		J02-1464-03	FOOT		
638	2B,2C		J19-3752-14	UNIT HOLDER		
639	1C		J19-6078-05	UNIT HOLDER		
△ 643	1C		J42-0083-05	POWER CORD BUSHING		
-			J61-0307-05	WIRE BAND		
650	2A		K27-2384-04	KNOB (BUTTON)	EE1	
650	2A		K27-2385-04	KNOB (BUTTON)	E2	
651	2B		K29-7675-22	KNOB	EE1	
651	2B		K29-7676-22	KNOB	E2	
652	2B		K29-7678-04	KNOB	EE1	
652	2A		K29-7679-04	KNOB	E2	
653	2A		K29-7681-14	KNOB	EE1	
653	2A		K29-7682-14	KNOB	E2	
654	2A		K29-7684-03	KNOB	EE1	
654	2A		K29-7685-03	KNOB	E2	
655	2A		K29-7687-03	KNOB	EE1	

L : Scandinavia    K : USA    P : Canada    R : Mexico    C : China    I : Malaysia  
Y : PX(Far East,Hawaii)    T : England    E : Europe    G : Germany    V : China(Shanghai)  
Y : AAFES(Europe)    X : Australia    Q : Russia    H : Korea    M : Other Areas    △ indicates safety critical components .

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②

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
655	2A		K29-7688-03	KNOB	E2	
△ 670	1B		L07-2797-05	POWER TRANSFORMER		
680	1A	*	T90-0877-05	LEAD WIRE ANTENNA		
681	1A		T90-0852-05	LOOP ANTENNA		
<b>POWER AMPLIFIER UNIT (X07-3142-71)</b>						
C1			CK73FB1H223K	CHIP C	0.022UF	K
C2 ,3			CK73FB1H103K	CHIP C	0.010UF	K
C4			CC73FCH1H331J	CHIP C	330PF	J
C5 ,6			CK73FB1H103K	CHIP C	0.010UF	K
C7			CE04LW1C470M	ELECTRO	47UF	16WV
C10			CE04LW1C470M	ELECTRO	47UF	16WV
C11 ,12			CK73FB1H473K	CHIP C	0.047UF	K
C14			CE04LW1C100M	ELECTRO	10UF	16WV
C15			CE04LW1H010M	ELECTRO	1.0UF	50WV
C16			CE04RW1HR47M	ELECTRO	0.47UF	50WV
C17			CE04LW1H010M	ELECTRO	1.0UF	50WV
C18			CC73FCH1H470J	CHIP C	47PF	J
C19			CE04RW1A100M	ELECTRO	10UF	10WV
C20			CK73FB1H473K	CHIP C	0.047UF	K
C21			CE04RW1V3R3M	ELECTRO	3.3UF	35WV
C22			CK73FB1H473K	CHIP C	0.047UF	K
C23			CE04LW1C100M	ELECTRO	10UF	16WV
C24			CK73FB1H331K	CHIP C	330PF	K
C25			CC73FCH1H181J	CHIP C	180PF	J
C26			CK73FB1H183K	CHIP C	0.018UF	K
C27			CE04HW1E4R7M	NP-ELEC	4.7UF	25WV
C28 ,29			CE04LW1H2R2M	ELECTRO	2.2UF	50WV
C30 ,31			CK73FB1H223K	CHIP C	0.022UF	K
C32			CE04LW1V4R7M	ELECTRO	4.7UF	35WV
C36			CK73FB1H103K	CHIP C	0.010UF	K
C37 ,38			CE04LW1C100M	ELECTRO	10UF	16WV
C41			CC73FCH1H470J	CHIP C	47PF	J
C42			CC73FCH1H120J	CHIP C	12PF	J
C43			CC73FCH1H100D	CHIP C	10PF	D
C44			CK73FB1H471K	CHIP C	470PF	K
C45			CC73FCH1H220J	CHIP C	22PF	J
C46			CE04LW1C100M	ELECTRO	10UF	16WV
C47			CK73FB1H102K	CHIP C	1000PF	K
C48			CE04LW1C470M	ELECTRO	47UF	16WV
C49			CE04LW1H2R2M	ELECTRO	2.2UF	50WV
C50			CC73FCH1H101J	CHIP C	100PF	J
C51			CK73FB1H471K	CHIP C	470PF	K
C52			CC73FCH1H101J	CHIP C	100PF	J
C70 ,71			CK73FB1H682K	CHIP C	6800PF	K
C72			CE04LW1H010M	ELECTRO	1.0UF	50WV
C73			CE04LW1C470M	ELECTRO	47UF	16WV
C75			CC73FCH1H030C	CHIP C	3.0PF	C
C76			CC73FCH1H470J	CHIP C	47PF	J
C78			CK73FB1H223K	CHIP C	0.022UF	K
C79 ,80			CK73FB1H472K	CHIP C	4700PF	K
C81			CK73FF1C105Z	CHIP C	1.0UF	Z
C82			CK73FB1H103K	CHIP C	0.010UF	K
C83			CC73FCH1H101J	CHIP C	100PF	J

L : Scandinavia    K : USA    P : Canada    R : Mexico    C : China    I : Malaysia  
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PARTS LIST

KRF-V4550D/V4550DE/V4550D-S



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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
C84 ,85 C86 C88 C91 C101,102			CK73FB1H223K CK73FB1H471K CK73FB1H332K CK73FF1C105Z CC73FCH1H390J	CHIP C CHIP C CHIP C CHIP C CHIP C	0.022UF 470PF 3300PF 1.0UF 39PF	K K K Z J
C103,104 C105,106 C107,108 C109,110 C111,112			CE04RW1V100M CC73FCH1H221J CE04RW0J470M CC73FCH1H471J CQ93FMG1H123J	ELECTRO CHIP C ELECTRO CHIP C MYLAR	10UF 220PF 47UF 470PF 0.012UF	35WV J 6.3WV J J
C113,114 C115,116 C117,118 C119-132 C137,138			CK45FB1H332K CE04LW1V4R7M CC45FCH1H101J CC73FCH1H221J CE04LW1H2R2M	CERAMIC ELECTRO CERAMIC CHIP C ELECTRO	3300PF 4.7UF 100PF 220PF 2.2UF	K 35WV J J 50WV
C139,140 C141,142 C143,144 C145,146 C147,148			CC73FCH1H101J CE04LW1H2R2M CC73FCH1H101J CE04LW1C220M CC73FCH1H471J	CHIP C ELECTRO CHIP C ELECTRO CHIP C	100PF 2.2UF 100PF 22UF 470PF	J 50WV J 16WV J
C149,150 C151,152 C153,154 C155,156 C157,158			CE04LW1E470M CC73FCH1H100D CE04LW1H100M CE04LW1H2R2M CC73FCH1H102J	ELECTRO CHIP C ELECTRO ELECTRO CHIP C	47UF 10PF 10UF 2.2UF 1000PF	25WV D 50WV 50WV J
C159,160 C161,162 C163,164 C165,166 C167-170			CK73FB1H222K CC73FCH1H220J CC73FCH1H102J CE04LW1A101M CK73FF1E104Z	CHIP C CHIP C CHIP C ELECTRO CHIP C	2200PF 22PF 1000PF 100UF 0.10UF	K J J 10WV Z
C171,172 C175,176 C177,178 C179,180 C181,182			CQ93FMG1H472J CC73FCH1H471J CE04LW1E470M CC73FCH1H100D CE04LW1H100M	MYLAR CHIP C ELECTRO CHIP C ELECTRO	4700PF 470PF 47UF 10PF 10UF	J J 25WV D 50WV
C183,184 C185,186 C187,188 C189,190 C191,192			CE04LW1H2R2M CC73FCH1H102J CK73FB1H222K CC45FCH1H220J CC73FCH1H102J	ELECTRO CHIP C CHIP C CERAMIC CHIP C	2.2UF 1000PF 2200PF 22PF 1000PF	50WV J K J J
C193,194 C195-198 C200,201 C205 C206			CE04LW1A101M CK73FF1E104Z CQ93FMG1H472J CC73FCH1H471J CE04LW1E470M	ELECTRO CHIP C MYLAR CHIP C ELECTRO	100UF 0.10UF 4700PF 470PF 47UF	10WV Z J J 25WV
C207 C208 C209 C210 C211			CC73FCH1H100D CE04LW1H100M CE04LW1H2R2M CC73FCH1H102J CK73FB1H222K	CHIP C ELECTRO ELECTRO CHIP C CHIP C	10PF 10UF 2.2UF 1000PF 2200PF	D 50WV 50WV J K
C212 C213 C214 C215,216 C217			CC45FCH1H220J CC73FCH1H102J CE04LW1A101M CK73FF1E104Z CQ93FMG1H472J	CERAMIC CHIP C ELECTRO CHIP C MYLAR	22PF 1000PF 100UF 0.10UF 4700PF	J J 10WV Z J

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C220 C221 C222 C223 C224			CC73FCH1H471J CE04LW1A101M CC73FCH1H101J CE04LW1H100M CC73FCH1H221J	CHIP C ELECTRO CHIP C ELECTRO CHIP C	470PF 100UF 100PF 10UF 220PF	J 10WV J 50WV J
C225,226 C231,232 C233,234 C235 C236			CK45FF1H103Z C90-3918-05 C90-3919-05 CE04LW1E222M CE04LW1E471M	CERAMIC ELECTRO ELECTRO ELECTRO ELECTRO	0.010UF 4700UF 3300UF 2200UF 470UF	Z 63WV 35WV 25WV 25WV
C237,238 C239 C240 C241 C242			CE04LW1C101M CE04LW1H220M CE04LW1V470M CC45FCH1H101J CK45FF1H103Z	ELECTRO ELECTRO ELECTRO CERAMIC CERAMIC	100UF 22UF 47UF 100PF 0.010UF	16WV 50WV 35WV J Z
C245 C246 C248 C250 C251,252			CC73FCH1H221J CK45FF1H103Z CC73FCH1H221J CC73FCH1H102J CE04LW2A100M	CHIP C CERAMIC CHIP C CHIP C ELECTRO	220PF 0.010UF 220PF 1000PF 10UF	J Z J J 100WV
C253,254 C255,256 C259 C260 C261			CE04LW2A101M CE04DW1J101M CE04LW1A101M CE04LW0J221M CE04LW1V4R7M	ELECTRO ELECTRO ELECTRO ELECTRO ELECTRO	100UF 100UF 100UF 220UF 4.7UF	100WV 63WV 10WV 6.3WV 35WV
C262 C263 C264 C415 C416,417			CE04LW0J221M CE04LW1V4R7M CE04LW1H010M CE04LW1H010M CE04HW1E100M	ELECTRO ELECTRO ELECTRO ELECTRO NP-ELEC	220UF 4.7UF 1.0UF 1.0UF 10UF	6.3WV 35WV 50WV 50WV 25WV
C601 C602 C603 C604 C606			CE04LW1E332M CE04LW1H100M CK45FF1H103Z CE04LW1H100M CK73FB1E104K	ELECTRO ELECTRO CERAMIC ELECTRO CHIP C	3300UF 10UF 0.010UF 10UF 0.10UF	25WV 50WV Z 50WV K
CN1 CN2 CN3 CN4 CN5			E40-8364-05 E40-8197-05 E40-8485-05 E40-4871-05 E40-9831-05	PIN ASSY SOCKET FOR PIN ASSY FLAT CABLE CONNECTOR PIN ASSY SOCKET FOR PIN ASSY		
CN6 CN7 CN61,62 CN64 CN65			E40-9848-05 E40-8490-05 E40-4245-05 E40-4245-05 E40-8196-05	PIN ASSY FLAT CABLE CONNECTOR PIN ASSY PIN ASSY PIN ASSY		
J1 J2 J3 ,4 J7 J8			E70-0122-05 E70-0057-05 E63-1143-05 E63-1146-05 E20-0321-05	LOCK TERMINAL BOARD LOCK TERMINAL BOARD PIN JACK PIN JACK LOCK TERMINAL BOARD(2P,F)		
J8 J61	⚠		E70-0052-05 E03-0149-05	LOCK TERMINAL BOARD AC OUTLET		
E1 F1	⚠		F10-1167-04 F05-3121-05	SHIELDING PLATE FUSE (SEMKO) (250V T3.15AL)		

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△ F2			F05-2525-05	FUSE (SEMKO) (250V T2.5AL)		
CN66-69			J13-0075-05	FUSE CLIP		
CF1 ,2			L72-0536-05	CERAMIC FILTER		
L1			L39-1384-05	COMBINATION COIL		
L2			L40-1091-82	SMALL FIXED INDUCTOR(1.0UH)		
L3			L30-0911-05	AM IFT		
L4			L30-0950-05	FM IFT		
L5			L30-0951-05	FM IFT		
L6 ,7			L79-1236-05	LC FILTER		
L8			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)		
L101-105			L39-1373-05	PHASE COMPENSATION COIL		
T1			L07-2758-05	POWER TRANSFORMER		
△ T1			L07-2761-05	POWER TRANSFORMER		
X1			L77-2232-05	CRYSTAL RESONATOR		
R1			RK73FB2A101J	CHIP R 100 J 1/10W		
R4			RK73FB2A681J	CHIP R 680 J 1/10W		
R5			RK73FB2A332J	CHIP R 3.3K J 1/10W		
R6			RK73FB2A221J	CHIP R 220 J 1/10W		
R7			RK73FB2A821J	CHIP R 820 J 1/10W		
R8			RK73FB2A100J	CHIP R 10 J 1/10W		
R9			RK73FB2A391J	CHIP R 390 J 1/10W		
R10			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R11			RK73FB2A220J	CHIP R 22 J 1/10W		
R12			RK73FB2A101J	CHIP R 100 J 1/10W		
R14			RK73FB2A101J	CHIP R 100 J 1/10W		
R15			RK73FB2A333J	CHIP R 33K J 1/10W		
R16			RK73FB2A220J	CHIP R 22 J 1/10W		
R17			RK73FB2A362J	CHIP R 3.6K J 1/10W		
R18			RK73FB2A302J	CHIP R 3.0K J 1/10W		
R19			RK73FB2A822J	CHIP R 8.2K J 1/10W		
R20			RK73FB2A392J	CHIP R 3.9K J 1/10W		
R23			RK73FB2A153J	CHIP R 15K J 1/10W		
R25			RK73FB2A273J	CHIP R 27K J 1/10W		
R27 ,28			RK73FB2A432J	CHIP R 4.3K J 1/10W		
R33 ,34			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R35			RK73FB2A101J	CHIP R 100 J 1/10W		
R36			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R37			RK73FB2A392J	CHIP R 3.9K J 1/10W		
R38			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R39			RK73FB2A103J	CHIP R 10K J 1/10W		
R42			RK73FB2A103J	CHIP R 10K J 1/10W		
R43			RK73FB2A221J	CHIP R 220 J 1/10W		
△ R44			RD14NB2E271J	RD 270 J 1/4W		
R45			RK73EB2B102J	CHIP R 1.0K J 1/8W		
R46			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R47			RK73EB2B102J	CHIP R 1.0K J 1/8W		
R48			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R49			RK73FB2A103J	CHIP R 10K J 1/10W		
△ R50			RD14NB2E471J	RD 470 J 1/4W		
R51			RK73FB2A562J	CHIP R 5.6K J 1/10W		
R52			RK73FB2A101J	CHIP R 100 J 1/10W		
R53			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R54			RK73FB2A102J	CHIP R 1.0K J 1/10W		

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R55			RK73FB2A333J	CHIP R 33K J 1/10W		
R56 ,57			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R58			RK73FB2A123J	CHIP R 12K J 1/10W		
R59			RK73FB2A122J	CHIP R 1.2K J 1/10W		
R72 ,73			RK73FB2A392J	CHIP R 3.9K J 1/10W		
R74			RK73FB2A473J	CHIP R 47K J 1/10W		
R75			RK73FB2A822J	CHIP R 8.2K J 1/10W		
R76			RK73FB2A182J	CHIP R 1.8K J 1/10W		
R78			RK73FB2A821J	CHIP R 820 J 1/10W		
R79			RK73FB2A102J	CHIP R 1.0K J 1/10W		
△ R80			RK73FB2A223J	CHIP R 22K J 1/10W		
R81			RS14KB3A820J	FL-PROOF RS 82 J 1W		
R82			RK73FB2A272J	CHIP R 2.7K J 1/10W		
R83			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R84			RK73EB2B102J	CHIP R 1.0K J 1/8W		
R85 -87			RK73FB2A105J	CHIP R 1.0M J 1/10W		
R88			RK73FB2A563J	CHIP R 56K J 1/10W		
R89			RK73FB2A333J	CHIP R 33K J 1/10W		
R101,102			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R103,104			RK73FB2A273J	CHIP R 27K J 1/10W		
R105,106			RK73FB2A101J	CHIP R 100 J 1/10W		
R117,118			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R119,120			RK73FB2A224J	CHIP R 220K J 1/10W		
R121,122			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R123,124			RK73FB2A224J	CHIP R 220K J 1/10W		
R125,126			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R127,128			RK73FB2A224J	CHIP R 220K J 1/10W		
R129,130			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R131,132			RK73FB2A224J	CHIP R 220K J 1/10W		
R133,134			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R135,136			RK73FB2A224J	CHIP R 220K J 1/10W		
R137,138			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R139,140			RK73FB2A224J	CHIP R 220K J 1/10W		
R141,142			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R143,144			RK73FB2A224J	CHIP R 220K J 1/10W		
R153-156			RK73FB2A224J	CHIP R 220K J 1/10W		
R159			RK73FB2A562J	CHIP R 5.6K J 1/10W		
R161,162			RK73FB2A302J	CHIP R 3.0K J 1/10W		
R163,164			RK73FB2A682J	CHIP R 6.8K J 1/10W		
R165,166			RK73FB2A183J	CHIP R 18K J 1/10W		
R167,168			RK73FB2A182J	CHIP R 1.8K J 1/10W		
R169,170			RK73FB2A224J	CHIP R 220K J 1/10W		
R171,172			RK73FB2A183J	CHIP R 18K J 1/10W		
R173,174			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R175,176			RK73FB2A104J	CHIP R 100K J 1/10W		
R177,178			RK73FB2A563J	CHIP R 56K J 1/10W		
R179			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R180			RK73EB2B102J	CHIP R 1.0K J 1/8W		
R181-184			RS14KB3DR22J	FL-PROOF RS 0.22 J 2W		
R185,186			RK73FB2A563J	CHIP R 56K J 1/10W		
R187,188			RK73FB2A272J	CHIP R 2.7K J 1/10W		
R189,190			RS14KB3D120J	FL-PROOF RS 12 J 2W		
R191,192			RS14KB3D391J	FL-PROOF RS 390 J 2W		
R199,200			RK73FB2A333J	CHIP R 33K J 1/10W		
R201,202			RK73FB2A303J	CHIP R 30K J 1/10W		

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R203,204 R205,206 R209,210 R211,212 R213,214			RK73FB2A113J RK73FB2A471J RK73FB2A102J RK73FB2A273J RK73FB2A182J	CHIP R 11K J 1/10W CHIP R 470 J 1/10W CHIP R 1.0K J 1/10W CHIP R 27K J 1/10W CHIP R 1.8K J 1/10W		
R215,216 R217,218 R219,220 R221,222 R223,224			RK73FB2A224J RK73FB2A183J RK73EB2B222J RK73FB2A104J RK73FB2A563J	CHIP R 220K J 1/10W CHIP R 18K J 1/10W CHIP R 2.2K J 1/8W CHIP R 100K J 1/10W CHIP R 56K J 1/10W		
R225 R227-230 R233,234 R235,236 R243,244			RK73FB2A102J RS14KB3DR22J RK73FB2A272J RS14KB3D120J RK73FB2A333J	CHIP R 1.0K J 1/10W FL-PROOF RS 0.22 J 2W CHIP R 2.7K J 1/10W FL-PROOF RS 12 J 2W CHIP R 33K J 1/10W		
R245,246 R247,248 R249,250 R251 R252			RK73FB2A303J RK73FB2A113J RK73FB2A471J RK73FB2A183J RK73FB2A182J	CHIP R 30K J 1/10W CHIP R 11K J 1/10W CHIP R 470 J 1/10W CHIP R 18K J 1/10W CHIP R 1.8K J 1/10W		
R253 R254 R256 R257 R259,260			RK73FB2A224J RK73FB2A183J RK73FB2A104J RK73FB2A563J RS14KB3DR22J	CHIP R 220K J 1/10W CHIP R 18K J 1/10W CHIP R 100K J 1/10W CHIP R 56K J 1/10W FL-PROOF RS 0.22 J 2W		
R262 R263 R267 R268 R269			RK73FB2A272J RS14KB3D120J RK73FB2A303J RK73FB2A113J RK73FB2A471J	CHIP R 2.7K J 1/10W FL-PROOF RS 12 J 2W CHIP R 30K J 1/10W CHIP R 11K J 1/10W CHIP R 470 J 1/10W		
R270 R271 R272 R273 R274			RK73FB2A333J RK73FB2A183J RK73FB2A241J RK73FB2A332J RK73FB2A183J	CHIP R 33K J 1/10W CHIP R 18K J 1/10W CHIP R 240 J 1/10W CHIP R 3.3K J 1/10W CHIP R 18K J 1/10W		
R276 R277 R278 R279,280 R281		*	RK73FB2A224J RK73FB2A331J RK73FB2A102J R92-1956-05 R92-1945-05	CHIP R 220K J 1/10W CHIP R 330 J 1/10W CHIP R 1.0K J 1/10W METAL GLAZE 33K J 1/4W METAL GLAZE 1 J 1/4W		
R283 R284 R285 R287 R301,302			RK73FB2A1R0J RK73FB2A104J R92-1945-05 RK73EB2B101J RK73FB2A513J	CHIP R 1 J 1/10W CHIP R 100K J 1/10W METAL GLAZE 1 J 1/4W CHIP R 100 J 1/8W CHIP R 51K J 1/10W		
R303-306 R307 R308 R309,310 R312			RS14KB3A392J RK73EB2B273J RK73FB2A273J RK73FB2A1R0J RD14NB2E103J	FL-PROOF RS 3.9K J 1W CHIP R 27K J 1/8W CHIP R 27K J 1/10W CHIP R 1 J 1/10W RD 10K J 1/4W		
R313,314 R315 R316 R320 R323			RK73FB2A473J RK73FB2A1R0J RD14NB2E101J RK73FB2A103J RK73FB2A393J	CHIP R 47K J 1/10W CHIP R 1 J 1/10W RD 100 J 1/4W CHIP R 10K J 1/10W CHIP R 39K J 1/10W		

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R324,325 R326-328 R329 R330 R331			RK73FB2A104J RK73FB2A473J RK73FB2A123J RK73FB2A153J RK73FB2A332J	CHIP R 100K J 1/10W CHIP R 47K J 1/10W CHIP R 12K J 1/10W CHIP R 15K J 1/10W CHIP R 3.3K J 1/10W		
R332 R333 R334 R335 R336			RK73FB2A682J RK73FB2A223J RK73FB2A123J RK73FB2A153J RK73FB2A332J	CHIP R 6.8K J 1/10W CHIP R 22K J 1/10W CHIP R 12K J 1/10W CHIP R 15K J 1/10W CHIP R 3.3K J 1/10W		
R337 R339,340 R341 R342-344 R347	Δ		RK73FB2A682J RK73FB2A472J R92-1945-05 RS14KB3A151J RS14KB3D4R7J	CHIP R 6.8K J 1/10W CHIP R 4.7K J 1/10W METAL GLAZE 1 J 1/4W FL-PROOF RS 150 J 1W FL-PROOF RS 4.7 J 2W		
R349 R350 R351 R352 R353	Δ		RS14KB3A4R7J RK73FB2A1R0J RK73FB2A103J RK73FB2A223J RK73FB2A102J	FL-PROOF RS 4.7 J 1W CHIP R 1 J 1/10W CHIP R 10K J 1/10W CHIP R 22K J 1/10W CHIP R 1.0K J 1/10W		
R356-358 R360 R361,362 R363 R370			RK73FB2A103J RK73FB2A103J RK73FB2A473J RK73FB2A361J RK73FB2A102J	CHIP R 10K J 1/10W CHIP R 10K J 1/10W CHIP R 47K J 1/10W CHIP R 360 J 1/10W CHIP R 1.0K J 1/10W		
R371 R372 R373 R375 R377,378			RK73FB2A563J RK73FB2A104J RK73FB2A361J RK73FB2A102J RK73FB2A102J	CHIP R 56K J 1/10W CHIP R 100K J 1/10W CHIP R 360 J 1/10W CHIP R 1.0K J 1/10W CHIP R 1.0K J 1/10W		
R384 R387,388 R389 R390 R391-394			RK73EB2B102J RK73FB2A473J RK73FB2A472J RK73FB2A473J RK73FB2A470J	CHIP R 1.0K J 1/8W CHIP R 47K J 1/10W CHIP R 4.7K J 1/10W CHIP R 47K J 1/10W CHIP R 47 J 1/10W		
R397-399 R601 R604 R609 VR1	Δ Δ		RD14NB2E1R0J RD14NB2E1R0J RD14NB2E390J RD14NB2E151J R32-0037-05	RD 1 J 1/4W RD 1 J 1/4W RD 39 J 1/4W RD 150 J 1/4W SEMI FIXED VARIABLE RESISTOR		
W108 W301 W302 W303-306 W307			R92-0670-05 R92-0679-05 R92-0670-05 R92-0679-05 R92-0670-05	CHIP R 0 OHM CHIP R 0 OHM CHIP R 0 OHM CHIP R 0 OHM CHIP R 0 OHM		
W308 W309-311 W312 W313 W315-318			R92-0679-05 R92-0670-05 R92-0679-05 R92-0670-05 R92-0679-05	CHIP R 0 OHM CHIP R 0 OHM CHIP R 0 OHM CHIP R 0 OHM CHIP R 0 OHM		
W319,320 W321 W322,323 W324-333 W336			R92-0670-05 R92-0679-05 R92-0670-05 R92-0679-05 R92-0679-05	CHIP R 0 OHM CHIP R 0 OHM CHIP R 0 OHM CHIP R 0 OHM CHIP R 0 OHM		

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PARTS LIST

KRF-V4550D/V4550DE/V4550D-S

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W338,339			R92-0670-05	CHIP R 0 OHM		
W340,341			R92-0679-05	CHIP R 0 OHM		
W342,343			R92-0670-05	CHIP R 0 OHM		
W506			R92-0679-05	CHIP R 0 OHM		
W513,514			R92-0679-05	CHIP R 0 OHM		
W523			R92-0679-05	CHIP R 0 OHM		
W651-655			R92-0670-05	CHIP R 0 OHM		
W659,660			R92-0670-05	CHIP R 0 OHM		
W662			R92-0670-05	CHIP R 0 OHM		
W680			R92-0679-05	CHIP R 0 OHM		
W684,685			R92-0679-05	CHIP R 0 OHM		
K1 ,2			S76-0042-05	MAGNETIC RELAY		
K1 ,2		*	S76-0112-05	MAGNETIC RELAY		
K4			S76-0042-05	MAGNETIC RELAY		
K4		*	S76-0112-05	MAGNETIC RELAY		
K601			S76-0099-05	MAGNETIC RELAY		
D1			HZU3.3(B2)	ZENER DIODE		
D1		*	UDZ3.3B	ZENER DIODE		
D101			D5SBA20F03	DIODE		
D102			S1ZB20(4101)	DIODE		
D103			RBV-602LFA	DIODE		
D104			HZS16N(B2)	ZENER DIODE		
D104			MTZJ16(B)	ZENER DIODE		
D105			HZS15N(B2)	ZENER DIODE		
D105			MTZJ15(B)	ZENER DIODE		
D106,107			MA111	DIODE		
D108			UDZ5.6B	ZENER DIODE		
D109			UDZ11B	ZENER DIODE		
D110		*	HZU10(B2)	ZENER DIODE		
D110			UDZ10B	ZENER DIODE		
D111-115			MA111	DIODE		
D117-120			HZU15(B2)	ZENER DIODE		
D117-120		*	UDZ15B	ZENER DIODE		
D121			MA111	DIODE		
D122		*	HZU3.9(B2)	ZENER DIODE		
D122			UDZ3.9B	ZENER DIODE		
D123			HSS104A	DIODE		
D123			1SS133	DIODE		
D124		*	HZU3.9(B2)	ZENER DIODE		
D124			UDZ3.9B	ZENER DIODE		
D127,128			MA111	DIODE		
D130			MA111	DIODE		
D201			DA204U	DIODE		
D201			MA143A	DIODE		
D201			1SS302	DIODE		
D203			HZS8.2N(B2)	ZENER DIODE		
D203			MTZJ8.2(B)	ZENER DIODE		
D204			HZS5.1N(B2)	ZENER DIODE		
D204			MTZJ5.1(B)	ZENER DIODE		
D209			HZS3.3N(B2)	ZENER DIODE		
D209			MTZJ3.3(B)	ZENER DIODE		
D211			MA111	DIODE		
D213			MA111	DIODE		
D601			S1ZB20(4101)	DIODE		

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Δ D602-605			HSS104A	DIODE		
Δ D602-605			1SS133	DIODE		
Δ D608			RB721Q	DIODE		
Δ IC101			STK412-010A	HYBRID IC		
Δ IC102			STK413-010A	HYBRID IC		
Δ IC103			KIA7812API	ANALOGUE IC		
Δ IC104		*	KIA7912PI	ANALOGUE IC		
Δ IC105			NJM4580ED	ANALOGUE IC		
Δ IC106			NJU7313AM	ANALOGUE IC		
Δ IC107,108			NJM4565M	ANALOGUE IC		
IC107,108			NJM4565MD	IC(OP AMP X2)		
IC107,108			NJM4580E	ANALOGUE IC		
IC107,108			NJM4580ED	ANALOGUE IC		
IC109			NJU7313AM	ANALOGUE IC		
IC110-112			NJM4565M	ANALOGUE IC		
IC110-112			NJM4565MD	IC(OP AMP X2)		
IC110-112			NJM4580E	ANALOGUE IC		
IC110-112			NJM4580ED	ANALOGUE IC		
Δ IC201			LA1837	ANALOGUE IC		
Δ IC202			LC72131	MOS-IC		
Δ IC602			BA05T	ANALOGUE IC		
Q1 ,2			2SC1740S(Q,R)	TRANSISTOR		
Q1 ,2			2SC2785(F,E)	TRANSISTOR		
Q5 ,6			2SD2351	TRANSISTOR		
Q7 ,8			2SC1740S(Q,R)	TRANSISTOR		
Q7 ,8			2SC2785(F,E)	TRANSISTOR		
Q11 ,12			2SD2351	TRANSISTOR		
Q13 ,14			2SC1740S(Q,R)	TRANSISTOR		
Q13 ,14			2SC2785(F,E)	TRANSISTOR		
Q16			2SD2351	TRANSISTOR		
Q17			2SC2878(B)	TRANSISTOR		
Q51 -53			2SA1576A(R,S)	TRANSISTOR		
Q51 -53			2SB1218A(Q,R)	TRANSISTOR		
Δ Q54			2SB1640	TRANSISTOR		
Δ Q113-117			2SC3906K	TRANSISTOR		
Q118			2SA1576A(R,S)	TRANSISTOR		
Q118			2SB1218A(Q,R)	TRANSISTOR		
Q119,120			2SC3906K	TRANSISTOR		
Q121			2SA1576A(R,S)	TRANSISTOR		
Q121			2SB1218A(Q,R)	TRANSISTOR		
Q122,123			2SC1845(F,E)	TRANSISTOR		
Q132			2SC3906K	TRANSISTOR		
Q133			2SB1566	TRANSISTOR		
Q134			2SC1845(F,E)	TRANSISTOR		
Q135			2SA1576A(R,S)	TRANSISTOR		
Q135			2SB1218A(Q,R)	TRANSISTOR		
Q136			DTC113ZUA	DIGITAL TRANSISTOR		
Q136			UN5219	DIGITAL TRANSISTOR		
Q137			2SD2395	TRANSISTOR		
Δ Q138			2SB1640	TRANSISTOR		
Q139,140			DTC123JUA	DIGITAL TRANSISTOR		
Q142			DTC123JUA	DIGITAL TRANSISTOR		
Q201			2SC4081(R,S)	TRANSISTOR		
Q201			2SD1819A(Q,R)	TRANSISTOR		
Q202			2SA1576A(R,S)	TRANSISTOR		

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Q202 Q206,207 Q206,207 Q210,211 Q212			2SB1218A(Q,R) 2SC4081(R,S) 2SD1819A(Q,R) 2SD1757K 2SA1576A(R,S)	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR		
Q212 Q214 Q214 Q601 Q601			2SB1218A(Q,R) 2SA1576A(R,S) 2SB1218A(Q,R) 2SC1740S(Q,R) 2SC2785(F,E)	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR		
A1			W02-2584-05	FM FRONT-END ASSY		
PREAMPLIFIER UNIT (X08-3010-11)						
C1 ,2 C3 C4 C5 ,6 C7 ,8			CE04RW1C100M CK73FB1H103K CC73GCH1H101J CK73FB1H222K CK73FB1E104K	ELECTRO CHIP C CHIP C CHIP C CHIP C	10UF 0.010UF 100PF 2200PF 0.10UF	16WV K J K K
C9 ,10 C21 C22 C23 C24 ,25			CE04RW1C4R7M CK73FB1E104K CE04LW1H100M CK73FB1H102K CK73FB1E104K	ELECTRO CHIP C ELECTRO CHIP C CHIP C	4.7UF 0.10UF 10UF 1000PF 0.10UF	16WV K 50WV K K
C26 C27 C29 C31 C32			CK73FF1C105Z C91-1597-05 CK73FB1H103K CC73FCH1H220J CK73GB1H472K	CHIP C CERAMIC CHIP C CHIP C CHIP C	1.0UF 4.7UF 0.010UF 22PF 4700PF	Z Z K J K
C33 C34 C35 C41 C42			CC73FCH1H220J CK73FB1H472K CK73FF1C105Z CC73FCH1H220J CC73FCH1H270J	CHIP C CHIP C CHIP C CHIP C CHIP C	22PF 4700PF 1.0UF 22PF 27PF	J K Z J J
C43 C44 C45 C46 C54 ,55			CK73FB1H102K CK73GB1H102K CK73FB1H103K CC73GCH1H220J CC73FCH1H220J	CHIP C CHIP C CHIP C CHIP C CHIP C	1000PF 1000PF 0.010UF 22PF 22PF	K K K J J
C56 C57 C58 ,59 C103,104 C105,106			CK73FB1H102K CK73FF1C105Z CK73FB1H103K CK73FF1C105Z CK73FB1H182K	CHIP C CHIP C CHIP C CHIP C CHIP C	1000PF 1.0UF 0.010UF 1.0UF 1800PF	K Z K Z K
C107,108 C109 C110 C121,122 C125			CK73FB1H222K CK73FB1H103K CC73GCH1H101J CC73GCH1H220J CK73FB1H103K	CHIP C CHIP C CHIP C CHIP C CHIP C	2200PF 0.010UF 100PF 22PF 0.010UF	K K J J K
C126 C141 C151,152 C153,154 C155,156			CC73FCH1H101J CC73FCH1H101J CK73FF1C225Z CC73FCH1H101J CK73FF1C105Z	CHIP C CHIP C CHIP C CHIP C CHIP C	100PF 100PF 2.2UF 100PF 1.0UF	J J Z J Z
C157-160 C161,162			CK73FF1C225Z CK73FB1H822K	CHIP C CHIP C	2.2UF 8200PF	Z K

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C163,164 C165,166 C167,168 C169,170 C177-182			CK73FB1H153K CK73FB1C334K CK73FF1C225Z CK73GB1H222K CK73FF1C225Z	CHIP C CHIP C CHIP C CHIP C CHIP C	0.015UF 0.33UF 2.2UF 2200PF 2.2UF	K K Z K Z
C183 C184 C185,186 C187,188 C203,204			CK73FF1C105Z CC73FCH1H221J CK73FB1E104K CK73GB1H102K CK73FF1C105Z	CHIP C CHIP C CHIP C CHIP C CHIP C	1.0UF 220PF 0.10UF 1000PF 1.0UF	Z J K K Z
C205,206 C207,208 C209 C210 C251-256			CK73FB1H222K CK73FB1H821K CK73FB1H103K CC73GCH1H101J CC73FCH1H221J	CHIP C CHIP C CHIP C CHIP C CHIP C	2200PF 820PF 0.010UF 100PF 220PF	K K K J J
C303,304 C305 C306 C307 C308			CK73FF1C105Z CK73FB1H182K CK73FB1H682K CK73FB1H222K CK73FB1H822K	CHIP C CHIP C CHIP C CHIP C CHIP C	1.0UF 1800PF 6800PF 2200PF 8200PF	Z K K K K
C309 C310 C401-403 C411,412 C413,414			CK73FB1H103K CC73GCH1H101J CK73FB1H103K CC73FCH1H220J CC73GCH1H220J	CHIP C CHIP C CHIP C CHIP C CHIP C	0.010UF 100PF 0.010UF 22PF 22PF	K J K J J
C415-418 C419 C450 C451 C452			CC73GCH1H101J CC73GCH1H100D CK73FB1H103K CK73FB1E104K CE04LW1C222M	CHIP C CHIP C CHIP C CHIP C ELECTRO	100PF 10PF 0.010UF 0.10UF 2200UF	J D K K 16WV
C453,454 C455 C456,457 C458 C459,460			CK73FB1E104K CE04LW0J471M CK73FB1E104K C92-0047-05 CK73FB1E104K	CHIP C ELECTRO CHIP C CHIP-ELE CHIP C	0.10UF 470UF 0.10UF 47UF 0.10UF	K 6.3WV K 6.3WV K
C461 C501-504 C505 C506 C507			CE04LW0J471M CK73FB1E104K CK73FB1H102K CC73FCH1H471J CK73FB1H103K	ELECTRO CHIP C CHIP C CHIP C CHIP C	470UF 0.10UF 1000PF 470PF 0.010UF	6.3WV K K J K
C508 C509 C510,511 C601 C602			CE04LW1H2R2M CE04LW1E470M CK73FB1H103K CC73FCH1H470J CE04LW1E470M	ELECTRO ELECTRO CHIP C CHIP C ELECTRO	2.2UF 47UF 0.010UF 47PF 47UF	50WV 25WV K J 25WV
C603 C604 C607 C608 C609,610			CC73FCH1H470J CE04LW1E470M CC73FCH1H470J CE04LW1E470M CC73FCH1H470J	CHIP C ELECTRO CHIP C ELECTRO CHIP C	47PF 47UF 47PF 47UF 47PF	J 25WV J 25WV J
C621,622 C751,752 C753 C900			CK73FB1E104K CC73FCH1H221J CK73FB1H103K CE04LW0J331M	CHIP C CHIP C CHIP C ELECTRO	0.10UF 220PF 0.010UF 330UF	K J K 6.3WV

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CN1 CN2 CN5 CN5 J1			E40-8485-05 E40-8484-05 E40-4248-05 E40-8358-05 E63-1080-05	FLAT CABLE CONNECTOR FLAT CABLE CONNECTOR PIN ASSY PIN ASSY PIN JACK		
J2 J61 J75			E63-1139-05 E63-1141-05 E11-0293-05	PIN JACK PIN JACK MINIATURE PHONE JACK(2P)		
L31 ,32 L41 X1			L92-0511-05 L92-0510-05 L77-2296-05	CHIP FERRITE CHIP FERRITE CRYSTAL RESONATOR(12.288MHZ)		
CP41-44 CP51,52 R1 ,2 R3 ,4 R5 ,6			R90-0728-05 R90-0714-05 RK73FB2A562J RK73FB2A101J RK73FB2A471J	MULTI-COMP 180 X4 MULTI-COMP 10K X4 CHIP R 5.6K J 1/10W CHIP R 100 J 1/10W CHIP R 470 J 1/10W		
R7 -10 R11 ,12 R20 R21 R31 ,32			RK73FB2A472J RK73FB2A471J R92-1946-05 RK73FB2A221J RK73FB2A820J	CHIP R 4.7K J 1/10W CHIP R 470 J 1/10W METAL GLAZE 4.7 J 1/4W CHIP R 220 J 1/10W CHIP R 82 J 1/10W		
R33 R34 R41 ,42 R43 -45 R54			RK73FB2A471J RD14NB2E4R7J RK73FB2A105J RK73FB2A221J RK73FB2A912J	CHIP R 470 J 1/10W RD 4.7 J 1/4W CHIP R 1.0M J 1/10W CHIP R 220 J 1/10W CHIP R 9.1K J 1/10W		
R55 -58 R59 R66 R67 R68			RK73FB2A221J RK73FB2A101J RK73FB2A104J RK73FB2A103J RK73FB2A221J	CHIP R 220 J 1/10W CHIP R 100 J 1/10W CHIP R 100K J 1/10W CHIP R 10K J 1/10W CHIP R 220 J 1/10W		
R101,102 R103,104 R107,108 R109,110 R111,112			RK73FB2A222J RK73FB2A104J RK73FB2A222J RK73FB2A103J RK73FB2A472J	CHIP R 2.2K J 1/10W CHIP R 100K J 1/10W CHIP R 2.2K J 1/10W CHIP R 10K J 1/10W CHIP R 4.7K J 1/10W		
R113,114 R121-124 R125,126 R127,128 R151-156			RK73FB2A221J RK73FB2A103J RK73FB2A101J RK73FB2A242J RK73FB2A100J	CHIP R 220 J 1/10W CHIP R 10K J 1/10W CHIP R 100 J 1/10W CHIP R 2.4K J 1/10W CHIP R 10 J 1/10W		
R157,158 R159-164 R165 R166 R168,169			RK73FB2A102J RK73FB2A101J RK73FB2A751J RK73FB2A272J RK73FB2A1R0J	CHIP R 1.0K J 1/10W CHIP R 100 J 1/10W CHIP R 750 J 1/10W CHIP R 2.7K J 1/10W CHIP R 1 J 1/10W		
R170,171 R172-175 R201,202 R203,204 R207,208			RK73FB2A471J RK73FB2A473J RK73FB2A332J RK73FB2A104J RK73FB2A222J	CHIP R 470 J 1/10W CHIP R 47K J 1/10W CHIP R 3.3K J 1/10W CHIP R 100K J 1/10W CHIP R 2.2K J 1/10W		
R209,210 R211,212 R213,214			RK73FB2A272J RK73FB2A562J RK73FB2A221J	CHIP R 2.7K J 1/10W CHIP R 5.6K J 1/10W CHIP R 220 J 1/10W		

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R215,216 R217,218 R251,252 R253,254 R255,256			RK73FB2A472J RK73FB2A562J RK73FB2A153J RK73FB2A223J RK73FB2A103J	CHIP R 4.7K J 1/10W CHIP R 5.6K J 1/10W CHIP R 15K J 1/10W CHIP R 22K J 1/10W CHIP R 10K J 1/10W		
R257,258 R259,260 R261,262 R301 R302			RK73FB2A223J RK73FB2A103J RK73FB2A223J RK73FB2A222J RK73FB2A103J	CHIP R 22K J 1/10W CHIP R 10K J 1/10W CHIP R 22K J 1/10W CHIP R 2.2K J 1/10W CHIP R 10K J 1/10W		
R303,304 R307 R308 R309,310 R311,312			RK73FB2A104J RK73FB2A222J RK73FB2A123J RK73FB2A103J RK73FB2A472J	CHIP R 100K J 1/10W CHIP R 2.2K J 1/10W CHIP R 12K J 1/10W CHIP R 10K J 1/10W CHIP R 4.7K J 1/10W		
R313,314 R401-406 R407 R412 R426,427			RK73FB2A221J RK73FB2A471J RK73FB2A473J RK73FB2A221J RK73FB2A221J	CHIP R 220 J 1/10W CHIP R 470 J 1/10W CHIP R 47K J 1/10W CHIP R 220 J 1/10W CHIP R 220 J 1/10W		
R428 R431,432 R450 R451,452 R453			RK73FB2A1R0J RK73FB2A103J R92-1918-05 R92-1945-05 R92-1946-05	CHIP R 1 J 1/10W CHIP R 10K J 1/10W CHIP R 0.33 J 1/4W METAL GLAZE 1 J 1/4W METAL GLAZE 4.7 J 1/4W		
R454 R455 R461,462 R463 R464		* *	R92-1960-05 R92-2170-05 RK73FB2A221J RK73FB2A473J RK73FB2A472J	METAL GLAZE 2.2 J 1/4W CHIP R 10 J 1W CHIP R 220 J 1/10W CHIP R 47K J 1/10W CHIP R 4.7K J 1/10W		
R465 R501-503 R505 R514 R515			RK73FB2A102J RK73FB2A221J RK73FB2A103J RK73FB2A101J RK73FB2A221J	CHIP R 1.0K J 1/10W CHIP R 220 J 1/10W CHIP R 10K J 1/10W CHIP R 100 J 1/10W CHIP R 220 J 1/10W		
R516 R517 R518 R519 R520,521			RK73FB2A103J RK73FB2A221J RK73FB2A472J RK73FB2A221J RK73FB2A103J	CHIP R 10K J 1/10W CHIP R 220 J 1/10W CHIP R 4.7K J 1/10W CHIP R 220 J 1/10W CHIP R 10K J 1/10W		
R522,523 R524 R527 R601 R603			RK73FB2A472J RK73FB2A333J RK73FB2A103J RK73FB2A820J RK73FB2A820J	CHIP R 4.7K J 1/10W CHIP R 33K J 1/10W CHIP R 10K J 1/10W CHIP R 82 J 1/10W CHIP R 82 J 1/10W		
R607 R609 R610 R611 R612			RK73FB2A820J RK73FB2A104J RK73FB2A680J RK73FB2A104J RK73FB2A680J	CHIP R 82 J 1/10W CHIP R 100K J 1/10W CHIP R 68 J 1/10W CHIP R 100K J 1/10W CHIP R 68 J 1/10W		
R613 R631,632 R633,634			RK73FB2A1R0J RK73FB2A681J R92-1954-05	CHIP R 1 J 1/10W CHIP R 680 J 1/10W METAL GLAZE 100 J 1/10W		
D1			DAN202U	DIODE		

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## PARTS LIST

KRF-V4550D/V4550DE/V4550D-S

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
D1			MA142WK	DIODE		
D1			1SS301	DIODE		
D2			DAP202U	DIODE		
D2			MA142WA	DIODE		
D2			1SS300	DIODE		
D3			DAN202U	DIODE		
D3			MA142WK	DIODE		
D3			1SS301	DIODE		
D6			MA111	DIODE		
D41			S1ZB20(4072)	DIODE		
D42 ,43		*	HZU5.6(B2)	ZENER DIODE		
D42 ,43			UDZ5.6B	ZENER DIODE		
D44		*	HZU3.9(B2)	ZENER DIODE		
D44			UDZ3.9B	ZENER DIODE		
D51 ,52			MA111	DIODE		
D61 ,62		*	HZU5.6(B2)	ZENER DIODE		
D61 ,62			UDZ5.6B	ZENER DIODE		
D75 ,76			MA111	DIODE		
D151,152		*	HZU7.5(B2)	ZENER DIODE		
D151,152			UDZ7.5B	ZENER DIODE		
IC1			NJM4565MD	IC(OP AMP X2)		
IC2			AK4527-VQ	MOS-IC		
IC4			TC7WU04FU	MOS-IC		
IC5			AK4110-VF	MOS-IC		
IC6			TC7WH123FU	MOS-IC		
IC11			NJM4565MD	IC(OP AMP X2)		
IC12			NJU7311AM	MOS-IC		
IC13			NJM4565MD	IC(OP AMP X2)		
IC14			NJU7311AM	MOS-IC		
IC15			M62446FP	ANALOGUE IC		
IC21			NJM4565MD	IC(OP AMP X2)		
IC31			NJM4565MD	IC(OP AMP X2)		
IC41			TC74HC07AF	MOS-IC		
IC42			TC74HCT7007AF	MOS-IC		
IC45			TA48M05F	ANALOGUE IC		
IC46			TA48M033F	ANALOGUE IC		
IC47			TA48M025F	ANALOGUE IC		
IC51			CS493253-CLR	MOS-IC		
IC51			CS493263-CLR	MOS-IC		
IC61			NJM2279M	ANALOGUE IC		
Q1			DTC124EUA	DIGITAL TRANSISTOR		
Q1			UN5212	DIGITAL TRANSISTOR		
Q15			2SD1664(Q,R)	TRANSISTOR		
Q16			2SB1132(Q,R)	TRANSISTOR		
Q41			2SC4081(R,S)	TRANSISTOR		
Q41			2SD1819A(Q,R)	TRANSISTOR		
Q42			2SA1576A(R,S)	TRANSISTOR		
Q42			2SB1218A(Q,R)	TRANSISTOR		
Q61			2SD1664(Q,R)	TRANSISTOR		
Q62			2SB1132(Q,R)	TRANSISTOR		
A1			W02-2716-05	OPTIC RECEIVING MODULE		
DISPLAY UNIT (X14-7122-73)						
D1			B30-2567-05	LED(RED(80) HI-BR)		
D3 -5			B30-2545-05	LED(RED3(160))		

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C1			CE04RW1A101M	ELECTRO	100UF	10WV
C2			CK73FB1H103K	CHIP C	0.010UF	K
C3			CE04RW1H010M	ELECTRO	1.0UF	50WV
C4 ,5			CE04RW1C100M	ELECTRO	10UF	16WV
C6			CE04RW0J100M	ELECTRO	10UF	6.3WV
C7			CK73FB1H103K	CHIP C	0.010UF	K
C9			CC73FCH1H470J	CHIP C	47PF	J
C10 -19			CK73FB1H103K	CHIP C	0.010UF	K
C20 ,21			CK73FB1C104K	CHIP C	0.10UF	K
C22			CK73FF1C105Z	CHIP C	1.0UF	Z
C23 ,24			CE04RW0J470M	ELECTRO	47UF	6.3WV
C25			CK73FB1H103K	CHIP C	0.010UF	K
C26 ,27			CC73FCH1H270J	CHIP C	27PF	J
C28			CC73FCH1H561J	CHIP C	560PF	J
C29			CC73FCH1H271J	CHIP C	270PF	J
C30			CE04RW1V2R2M	ELECTRO	2.2UF	35WV
C31			CC73FCH1H101J	CHIP C	100PF	J
C32			CE04RW0J220M	ELECTRO	22UF	6.3WV
C33 -35			CC73FCH1H101J	CHIP C	100PF	J
C36 ,37			CC73FCH1H470J	CHIP C	47PF	J
C38			CE04RW1H330M	ELECTRO	33UF	50WV
C39			CK73FB1H103K	CHIP C	0.010UF	K
C40			C90-1826-05	BACKUP-C	0.047F	5.5WV
C43 ,44			CC73FCH1H101J	CHIP C	100PF	J
C45 ,46			CC73FCH1H470J	CHIP C	47PF	J
C47			CC73FCH1H101J	CHIP C	100PF	J
C50			CC73FCH1H101J	CHIP C	100PF	J
C52			CK73FB1H103K	CHIP C	0.010UF	K
C53			CC73FCH1H101J	CHIP C	100PF	J
C54			CE04RW1H4R7M	ELECTRO	4.7UF	50WV
C55			CC73FCH1H470J	CHIP C	47PF	J
C56			CC73FCH1H220J	CHIP C	22PF	J
C57			CC73FCH1H221J	CHIP C	220PF	J
C58			CC73FCH1H470J	CHIP C	47PF	J
C59			CK73FF1C105Z	CHIP C	1.0UF	Z
C61			CC73FCH1H101J	CHIP C	100PF	J
C106,107			CC73FCH1H101J	CHIP C	100PF	J
CN1			E40-8510-05	FLAT CABLE CONNECTOR		
CN2			E40-8504-05	FLAT CABLE CONNECTOR		
CN3			E40-3247-05	PIN ASSY		
CN5			E40-3261-05	PIN ASSY		
J1			E11-0272-05	PHONE JACK		
-			J19-5928-13	HOLDER		
E5 ,6			J11-0808-05	WIRE CLAMPER		
X1			L78-0714-05	RESONATOR (8MHZ)		
X2			L77-2002-05	CRYSTAL RESONATOR(4.332MHZ)		
CP1			R90-0855-05	MULTI-COMP	100KX5	J
CP2 ,3			R90-0482-05	MULTI-COMP	100KX4	J 1/6W
CP501			R90-0855-05	MULTI-COMP	100KX5	J
CP502			R90-0850-05	MULTI-COMP	100KX3	J 1/6W
R4			RK73FB2A102J	CHIP R	1.0K	J 1/10W
R5			RK73FB2A103J	CHIP R	10K	J 1/10W
R7			RK73FB2A104J	CHIP R	100K	J 1/10W

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PARTS LIST

KRF-V4550D/V4550DE/V4550D-S



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R8			RK73FB2A102J	CHIP R	1.0K	J 1/10W
R12			RK73FB2A331J	CHIP R	330	J 1/10W
R13 ,14			RK73FB2A104J	CHIP R	100K	J 1/10W
R15			RK73FB2A331J	CHIP R	330	J 1/10W
R29			RK73FB2A122J	CHIP R	1.2K	J 1/10W
R31 -33			RK73FB2A221J	CHIP R	220	J 1/10W
R36 ,37			RK73FB2A104J	CHIP R	100K	J 1/10W
R38 -43			RK73FB2A103J	CHIP R	10K	J 1/10W
R44 -49			RK73FB2A101J	CHIP R	100	J 1/10W
R50			RK73FB2A272J	CHIP R	2.7K	J 1/10W
R52 ,53			RK73FB2A272J	CHIP R	2.7K	J 1/10W
R57 ,58			RK73FB2A223J	CHIP R	22K	J 1/10W
R59 -63			RK73FB2A104J	CHIP R	100K	J 1/10W
R64			RK73FB2A101J	CHIP R	100	J 1/10W
R65 ,66			RK73FB2A103J	CHIP R	10K	J 1/10W
R69 ,70			RK73FB2A103J	CHIP R	10K	J 1/10W
R71 ,72			RK73FB2A473J	CHIP R	47K	J 1/10W
R83			RK73FB2A564J	CHIP R	560K	J 1/10W
R98			RK73FB2A104J	CHIP R	100K	J 1/10W
R107-109			RK73FB2A104J	CHIP R	100K	J 1/10W
R110			RK73FB2A1R0J	CHIP R	1	J 1/10W
R111			RK73FB2A101J	CHIP R	100	J 1/10W
R112			RK73FB2A473J	CHIP R	47K	J 1/10W
R113			RK73FB2A101J	CHIP R	100	J 1/10W
R114			RK73FB2A104J	CHIP R	100K	J 1/10W
R118			RK73FB2A104J	CHIP R	100K	J 1/10W
R119-126			RK73FB2A101J	CHIP R	100	J 1/10W
R127-129			RK73FB2A104J	CHIP R	100K	J 1/10W
R130			RK73FB2A102J	CHIP R	1.0K	J 1/10W
R141,142			RK73FB2A104J	CHIP R	100K	J 1/10W
R143			RK73FB2A101J	CHIP R	100	J 1/10W
R161,162			RK73FB2A104J	CHIP R	100K	J 1/10W
R501,502			RK73FB2A104J	CHIP R	100K	J 1/10W
W503			R92-0679-05	CHIP R	0 OHM	
W507			R92-0679-05	CHIP R	0 OHM	
W509			R92-0679-05	CHIP R	0 OHM	
W514			R92-0679-05	CHIP R	0 OHM	
S4 -18			S70-0031-05	TACT SWITCH		
S19			S68-0107-05	PUSH SWITCH		
S1			T99-0602-05	ROTARY ENCODER		
S2			T99-0630-05	ROTARY ENCODER		
D7			HZS6,2N(B2)	ZENER DIODE		
D7			MTZJ6,2(B)	ZENER DIODE		
D8 ,9			RB721Q	DIODE		
D11 ,12			MA111	DIODE		
D15 ,16			MA111	DIODE		
D17 -22			HSS104A	DIODE		
D17 -22			1SS133	DIODE		
D24			HSS104A	DIODE		
D24			1SS133	DIODE		
D28			HSS104A	DIODE		
D28			1SS133	DIODE		
D30			HSS104A	DIODE		

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D30			1SS133	DIODE		
D33			HSS104A	DIODE		
D33			1SS133	DIODE		
D34			MA111	DIODE		
ED1		*	HNA-11MS24	FLUORESCENT INDICATOR TUBE		
ED1		*	11-MT-125GK	FLUORESCENT INDICATOR TUBE		
IC1			MN101C35DRA4	MI-COM IC		
IC2			S-80840ANY	ANALOGUE IC		
IC3			TA78057F	ANALOGUE IC		
IC4			BU1923F	ANALOGUE IC		
Q1			2SC4081(R,S)	TRANSISTOR		
Q2			2SA1576A(R,S)	TRANSISTOR		
Q3 -5			2SC4081(R,S)	TRANSISTOR		
Q6			DTC113ZUA	DIGITAL TRANSISTOR		
Q6			UN5219	DIGITAL TRANSISTOR		
Q9 -11			DTC113ZUA	DIGITAL TRANSISTOR		
Q9 -11			UN5219	DIGITAL TRANSISTOR		
Q12 ,13			2SA1576A(R,S)	TRANSISTOR		
Q14			DTA124EUA	DIGITAL TRANSISTOR		
Q14			UN5112	DIGITAL TRANSISTOR		
A1			W02-2625-05	OPTIC RECEIVING MODULE		

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#### HOW TO READ THE PARTS LIST

#### ABBREVIATION OF MODEL AND MASS PRODUCTION'S DESTINATIONS

MODEL	CNT	Australia	Canada	China	England	Europe	Germany	Korea	Malaysia
ABB.	ABB.	X	P	C	T	E	G	H	I
KRF-V4550D	-	-	-	-	-	E	-	-	-
KRF-V4550DE	-	-	-	-	-	E1	-	-	-
KRF-V4550D-S	-	-	-	-	-	E2	-	-	-
MODEL	CNT	Mexico	PX/AAFES	Russia	Scandinavia	Shanghai	USA	Other area	
ABB.	ABB.	R	Y	Q	L	V	K	M	
KRF-V4550D	-	-	-	-	-	-	-	-	-
KRF-V4550DE	-	-	-	-	-	-	-	-	-
KRF-V4550D-S	-	-	-	-	-	-	-	-	-

## PARTS LIST

KRF-V4550D/V4550DE/V4550D-S

# KRF-V4550D/V4550DE/V4550D-S

## SPECIFICATIONS

### AUDIO section

#### Rated power output during STEREO operation

DIN/IEC (DIN 1 kHz, 0.7%, 4 $\Omega$ ) ..... 60 W + 60 W

#### Effective power output during SURROUND operation

FRONT (1kHz, 0.7% T.H.D. at 4  $\Omega$  one channel driven) .....

80 W + 80 W

CENTER (1kHz, 0.7% T.H.D. at 4  $\Omega$  one channel driven) .....

80 W

SURROUND (1kHz, 0.7% T.H.D. at 4  $\Omega$  one channel driven) .....

60 W + 60 W

#### Total harmonic distortion

..... 0.04% (1 kHz, 30W, 4  $\Omega$ )

#### Frequency response (IHF '66)

CD ..... 13 Hz ~ 53 kHz, +0 dB, -3.0 dB

#### Signal to noise ratio (IHF'66)

PHONO (MM) ..... 75 dB

CD ..... 91 dB

#### Input sensitivity / impedance

PHONO (MM) ..... 2.5 mV / 27 k $\Omega$

CD ..... 200 mV / 47 k $\Omega$

MONITOR IN (VIDEO2/MONITOR) ..... 200 mV / 47 k $\Omega$

#### Output level / impedance

TAPE REC ..... 200 mV / 1 k $\Omega$

MONITOR OUT (VIDEO2/MONITOR) ..... 200 mV / 1 k $\Omega$

PRE OUT (SUBWOOFER) ..... 2 V / 2.2 k $\Omega$

#### Tone control

BASS .....  $\pm 10$  dB (at 100 Hz)

TREBLE .....  $\pm 10$  dB (at 10 kHz)

### DIGITAL AUDIO section

Sampling frequency ..... 32 kHz, 44.1 kHz, 48 kHz, 96kHz

#### Input level / impedance / wave length

Optical ..... (-15 dBm ~ -21 dBm), 660 nm  $\pm 30$ nm

Coaxial ..... 0.5 Vp-p / 75  $\Omega$

### VIDEO section

#### VIDEO inputs / outputs

VIDEO (composite) ..... 1 Vp-p / 75  $\Omega$

### FM tuner section

Tuning frequency range ..... 87.5 MHz ~ 108 MHz

Usable sensitivity (DIN at 75  $\Omega$ )

MONO ..... 1.2  $\mu$ V/13.2 dBf (40 kHz dev. S/N 26 dB)

STEREO ..... 45  $\mu$ V/42.1 dBf (46 kHz dev. S/N 46 dB)

Total harmonic distortion (1 kHz)

MONO ..... 0.2% (65.2 dBf input)

STEREO ..... 0.8% (65.2 dBf input)

Signal to noise ratio (DIN weighted)

MONO ..... 65 dB (40 kHz dev. 65.2 dBf input)

STEREO ..... 60 dB (46 kHz dev. 65.2 dBf input)

Stereo separation (DIN 1 kHz) .....

36 dB

Selectivity (DIN  $\pm 300$  kHz) .....

64 dB

Frequency response ..... (30 Hz ~ 15kHz), +0.5 dB, -3.0 dB

### AM tuner section

Tuning frequency range ..... 531 kHz ~ 1,602 kHz

Usable sensitivity ..... 16  $\mu$ V / (600  $\mu$ V/m)

Signal to noise ratio (30% mod. 1 mV input) ..... 50 dB

### GENERAL

Power consumption ..... 220 W

#### AC outlet

SWITCHED ..... (total 90 W max.)

Dimensions ..... W : 440 mm

H : 143 mm

D : 400 mm

Weight ..... 8.9 kg

#### Notes

1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. The full performance may not be exhibited in an extremely cold location (under a water-freezing temperature).

#### Note:

Component and circuit are subject to modification to insure best operation under differing local conditions. This manual is based on Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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